**CLAIMS**

1. Use of a protein having IgG cysteine protease activity or IgG endoglycosidase activity in the manufacture of a medicament for improving the benefit to a subject of a therapy or therapeutic agent, in which (a) the protein is to be administered to the subject; and subsequently (b) the therapy or the therapeutic agent is to be administered to the subject; and in which:

the therapy is an organ transplant or the therapeutic agent is an antibody;

the amount of the protein administered is sufficient to eliminate Fc receptor binding by substantially all IgG molecules present in the serum of the subject; and

the administration of the protein and the administration of the therapy or agent are to be separated by a time interval which is at most 24 hours.

2. Use of a protein according to Claim 1, in which:

(i) The protein having IgG cysteine protease activity is an IgG cyteine protease from a Streptococcus bacterium such as Streptococcus pyogenes, optionally in which the protein is IdeS or MAC2; or

(ii) The protein having IgG endoglycosidase activity is an IgG endoglycosidase from a Streptococcus bacterium, such as Streptococcus pyogenes, Streptococcus equi or Streptococcus zooepidemicus, or from Corynebacterium pseudotuberculosis, Enterococcus faecalis, or Elizabethkingia meningoseptica, optionally in which the protein is EndoS, CP40, EndoE, or $EndoF_2$.

3. Use of a protein according to Claim 1, in which

(i) The protein having IgG cysteine protease activity is a protein which comprises or consists of the amino acid sequence of SEQ ID NO: 1, or a fragment or variant thereof which has IgG cysteine protease activity; or

(ii) The protein having IgG endoglycosidase activity is a protein which comprises or consists of the amino acid sequence of SEQ ID NO: 2, or a fragment or variant thereof which has IgG endoglycosidase activity.

4. Use of a protein according to any preceding claim, in which the agent is administered by intravenous infusion and/or the amount of the agent that is administered is between 0.01mg/kg

BW and 2mg/kg BW, between 0.04 and 2mg/kg BW, between 0.12mg/kg BW and 2mg/kg BW, between 0.24mg/kg BW and 2mg/kg BW, or between 1mg/kg BW and 2mg/kg BW.

5. Use of a protein according to any preceding claim in which:

the lower limit of the time interval is selected from: at least 30 minutes, at least 1 hour, at least 2 hours, at least 3 hours, at least 4 hours, at least 5 hours, or at least 6 hours; and

the upper limit of the time interval is independently selected from: at most 10 hours, at most 8 hours, at most 7 hours or at most 6 hours.

6. Use of a protein according to any preceding claim, in which the time interval is of 30 minutes to 1 hour, 30 minutes to 2 hours, 30 minutes to 3 hours, 30 minutes to 4 hours, 30 minutes to 5 hours, 30 minutes to 6 hours, 1 to 2 hours, 1 to 3 hours, 1 to 4 hours, 1 to 5 hours, 1 to 6 hours, 2 to 3 hours, 2 to 4 hours, 2 to 5 hours, 2 to 6 hours, 3 to 4 hours, 3 to 5 hours, 3 to 6 hours, 4 to 5 hours, 4 to 6 hours, or 5 to 6 hours.

7. Use of a protein according to any preceding claim, in which the therapeutic agent is an antibody which is administered for the treatment of cancer or another disease, optionally in which the cancer is prostate cancer, breast cancer, bladder cancer, colon cancer, rectal cancer, pancreatic cancer, ovarian cancer, lung cancer, cervical cancer, endometrial cancer, kidney (renal cell) cancer, oesophageal cancer, thyroid cancer, lymphoma, skin cancer, melanoma or leukemia.

8. Use of a protein according to any preceding claim, in which the therapy is an antibody which is Abagovomab, Abciximab,Actoxumab, Adalimumab, Adecatumumab, Afelimomab, Afutuzumab, Alacizumab pegol, ALD518, Alemtuzumab, Alirocumab, Altumomab pentetate, Amatuximab, Anatumomab mafenatox, Anrukinzumab, Apolizumab, Arcitumomab, Aselizumab, Atinumab, Atlizumab (= tocilizumab), Atorolimumab, Bapineuzumab, Basiliximab, Bavituximab, Bectumomab, Belimumab, Benralizumab, Bertilimumab, Besilesomab, Bevacizumab, Bezlotoxumab, Biciromab, Bimagrumab, Bivatuzumab mertansine, Blinatumomab, Blosozumab, Brentuximab vedotin, Briakinumab, Brodalumab, Canakinumab, Cantuzumab mertansine, Cantuzumab ravtansine, Caplacizumab, Capromab pendetide, Carlumab, Catumaxomab, CC49, Cedelizumab, Certolizumab pegol, Cetuximab, Ch.14.18, Citatuzumab bogatox, Cixutumumab, Clazakizumab, Clenoliximab, Clivatuzumab tetraxetan, Conatumumab, Concizumab, Crenezumab, CR6261, Dacetuzumab, Daclizumab, Dalotuzumab, Daratumumab, Demcizumab, Denosumab, Detumomab, Dorlimomab aritox,

Drozitumab, Duligotumab, Dupilumab, Dusigitumab, Ecromeximab, Eculizumab, Edobacomab, Edrecolomab, Efalizumab, Efungumab, Elotuzumab Elsilimomab, Enavatuzumab, Enlimomab pegol, Enokizumab, Enoticumab, Ensituximab, Epitumomab cituxetan, Epratuzumab, Erlizumab, Ertumaxomab, Etaracizumab, Etrolizumab, Evolocumab, Exbivirumab, Fanolesomab, Faralimomab Farletuzumab, Fasinumab, FBTA05, Felvizumab, Fezakinumab, Ficlatuzumab, Figitumumab, Flanvotumab, Fontolizumab, Foralumab, Foravirumab, Fresolimumab, Fulranumab, Futuximab, Galiximab,Ganitumab, Gantenerumab, Gavilimomab, Gemtuzumab ozogamicin, Gevokizumab, Girentuximab,Glembatumumab vedotin, Golimumab, Gomiliximab,GS6624, Ibalizumab, Ibritumomab tiuxetan, Icrucumab, Igovomab, Imciromab, Imgatuzumab, Inclacumab, Indatuximab ravtansine, Infliximab, Intetumumab, Inolimomab, Inotuzumab ozogamicin, Ipilimumab, Iratumumab, Itolizumab, Ixekizumab, Keliximab, Labetuzumab, Lampalizumab, Lebrikizumab, Lemalesomab, Lerdelimumab, Lexatumumab, Libivirumab, Ligelizumab, Lintuzumab, Lirilumab, Lodelcizumab, Lorvotuzumab mertansine, Lucatumumab, Lumiliximab, Mapatumumab, Maslimomab, Mavrilimumab, Matuzumab, Mepolizumab, Metelimumab, Milatuzumab, Minretumomab, Mitumomab, Mogamulizumab, Morolimumab, Motavizumab, Moxetumomab pasudotox, Muromonab-CD3, Nacolomab tafenatox, Namilumab, Naptumomab estafenatox, Narnatumab, Natalizumab, Nebacumab, Necitumumab, Nerelimomab, Nesvacumab, Nimotuzumab, Nivolumab, Nofetumomab merpentan, Ocaratuzumab, Ocrelizumab, Odulimomab, Ofatumumab, Olaratumab, Olokizumab, Omalizumab, Onartuzumab, Oportuzumab monatox, Oregovomab, Orticumab, Otelixizumab, Oxelumab, Ozanezumab, Ozoralizumab, Pagibaximab, Palivizumab, Panitumumab, Panobacumab, Parsatuzumab, Pascolizumab, Pateclizumab, Patritumab, Pemtumomab, Perakizumab, Pertuzumab, Pexelizumab, Pidilizumab, Pinatuzumab vedotin, Pintumomab, Placulumab, Polatuzumab vedotin, Ponezumab, Priliximab, Pritoxaximab, Pritumumab, PRO 140, Quilizumab, Racotumomab, Radretumab, Rafivirumab, Ramucirumab, Ranibizumab,Raxibacumab, Regavirumab, Reslizumab, Rilotumumab, Rituximab, Robatumumab, Roledumab, Romosozumab, Rontalizumab, Rovelizumab, Ruplizumab, Samalizumab, Sarilumab, Satumomab pendetide, Secukinumab, Seribantumab, Setoxaximab, Sevirumab, Sibrotuzumab, Sifalimumab, Siltuximab, Simtuzumab, Siplizumab, Sirukumab, Solanezumab, Solitomab, Sonepcizumab, Sontuzumab, Stamulumab, Sulesomab, Suvizumab, Tabalumab, Tacatuzumab tetraxetan, Tadocizumab, Talizumab, Tanezumab, Taplitumomab paptox, Tefibazumab, Telimomab aritox, Tenatumomab, Teneliximab, Teplizumab,

Teprotumumab, TGN1412, Ticilimumab (= tremelimumab), Tildrakizumab, Tigatuzumab, TNX-650, Tocilizumab (= atlizumab), Toralizumab, Tositumomab, Tralokinumab, Trastuzumab, TRBS07, Tregalizumab, Tremelimumab Tucotuzumab celmoleukin, Tuvirumab, Ublituximab, Urelumab, Urtoxazumab, Ustekinumab, Vapaliximab, Vatelizumab, Vedolizumab, Veltuzumab,Vepalimomab Vesencumab, Visilizumab, Volociximab, Vorsetuzumab mafodotin, Votumumab, Zalutumumab, Zanolimumab, Zatuximab, Ziralimumab or Zolimomab aritox.

9. Use of a protein according to any of Claims 1 to 6, in which the therapy is an organ transplant, optionally in which the organ is kidney, liver, heart, pancreas, lung, or small intestine.

10. Use of a protein according to Claim 9, in which at the same time or immediately prior to transplantation, induction suppression of T cells and/or B cells is to be conducted in the patient.

11. Use of a protein according to Claim 10, in which the induction suppression means that an effective amount of at least one of Muromonab, Basiliximab, Daclizumab, an antithymocyte globulin (ATG) antibody, a lymphocyte immune globulin, anti-thymocyte globulin preparation (ATGAM), or Rituximab is to be administered to the patient.