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(54) Title: CXCL10 BINDING PROTEINS AND USES THEREOF

(57) Abstract: The present invention relates to C-X-C motif chemokine ligand 10 (CXCL10) binding proteins and uses thereof in methods of detecting and/or diagnosing a condition in a subject, comprising determining a level of CXCL10 in the subject. Specific antibodies that bind to total CXCL10 (full-length, N-terminally truncated and citrullinated) and antibodies that bind active CXCL10 (full-length) were used to measure the level of total and active CXCL10 in samples from ovarian cancer patients. The calculated ratio of active to total CXCL10 was lower in patients with malignant condition when compared to patients with benign tumours or healthy individuals and is the basis of method of diagnosis of malignant conditions, monitoring tumour burden and disease progression.



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