MULTI-SPECIFIC ANTIBODIES AND METHODS OF MAKING AND USING THEREOF

ABSTRACT

The disclosure provides a tetra-specific antibody monomer having a N-terminal and a C-terminal, comprising in tandem from the N-terminal to the C-terminal, a first scFv domain at the N-terminal, a Fab domain, a Fc domain, a second scFv domain, and a third scFv at the C-terminal, wherein the first scFv domain, the Fab domain, the second scFv domain, and the third scFv domain each has a binding specificity against a different antigen. In one embodiment, the antigen is a tumor antigen, an immune signaling antigen, or a combination thereof. Multi-specific antibodies comprising the disclosed tetra-specific antibodies are also provided.

[Figure 1]