PRODUCT INFORMATION

Target	AXL
Synonyms	AXL;UFO
Description	Recombinant Human AXL with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P30530
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	AXL(Ala26-Pro449) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 71.9 kDa after removal of the signal peptide.The apparent molecular mass of AXL-hFc is approximately 100-130 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein encoded by this gene is a member of the Tyro3-Axl-Mer (TAM) receptor tyrosine kinase subfamily. The encoded protein possesses an extracellular domain which is composed of two immunoglobulin-like motifs at the N-terminal, followed by two fibronectin type-III motifs. It transduces signals from the extracellular matrix into the cytoplasm by binding to the vitamin K-dependent protein growth arrest-specific 6 (Gas6). This gene may be involved in several cellular functions including growth, migration, aggregation and anti-inflammation in multiple cell types. Alternative splicing results in multiple transcript variants of this gene.
Usage	Research use only
Conjugate	Unconjugated

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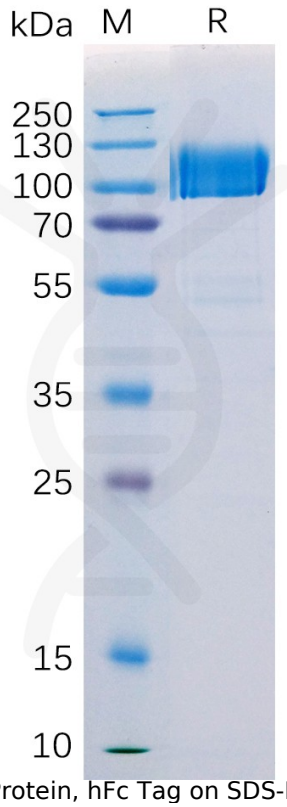


Figure 1. Human AXL Protein, hFc Tag on SDS-PAGE under reducing condition.

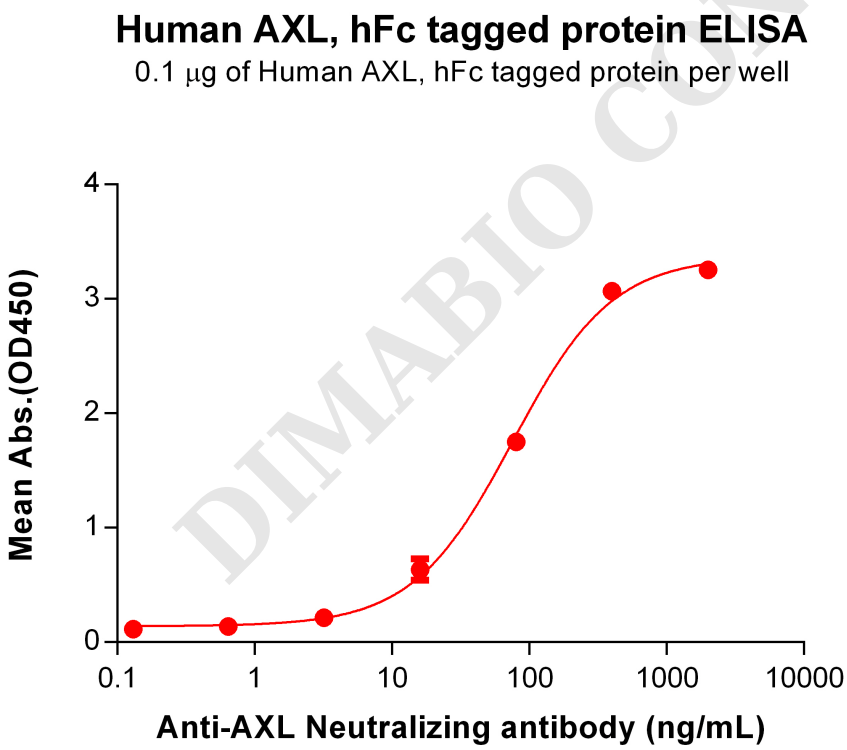


Figure 2. ELISA plate pre-coated by 1 μg/ml (100 μl/well) Human AXL, hFc tagged protein (PME100532) can bind Anti-AXL Neutralizing Antibody BME100033 in a linear range of 0.64-80.0 ng/ml.

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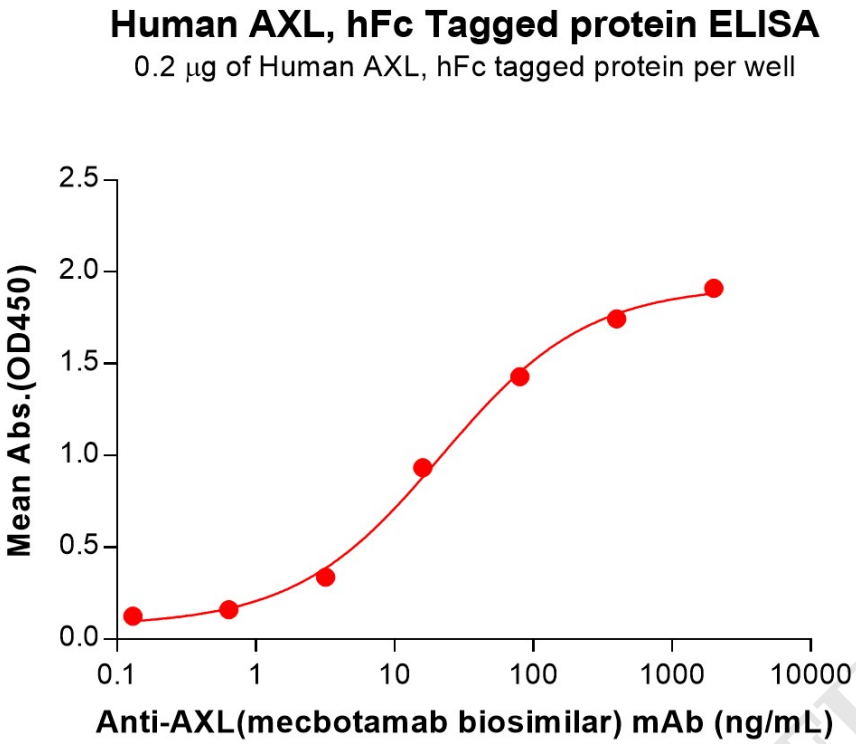


Figure 3. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human AXL Protein, hFc Tag (PME100532) can bind Anti-AXL(mecbotamab biosimilar) mAb (BME100175) in a linear range of 3.20–400 ng/mL.

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