

AXL/UFO recombinant antibody

Anti-AXL/UFO Reference Antibody (tilvestamab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29395	CHO Cell	Human, Cynomolgus	ELISA, Flow Cytometry, Functional Assay, Functional Assay

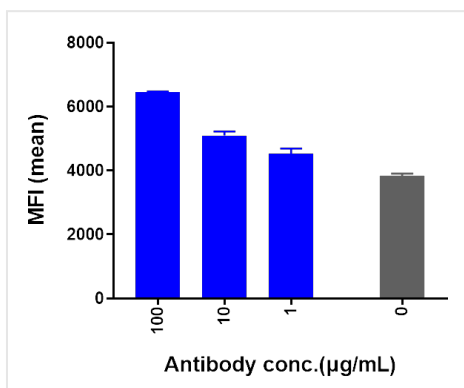
PRODUCT SYNONYMS

AXL/UFO; Monoclonal Recombinant Antibody; Anti-AXL/UFO Reference Antibody (tilvestamab); AXL/UFO recombinant antibody

PRODUCT SPECIFICATIONS

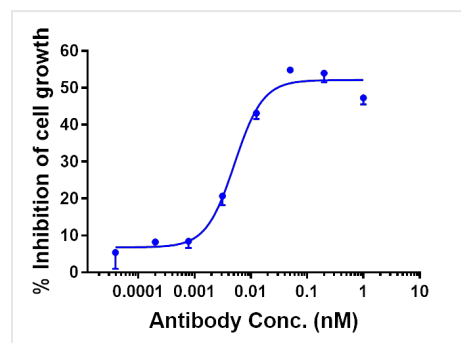
Host	CHO Cell
Reactivity	Human, Cynomolgus
Clonality	Monoclonal
Isotype	IgG1
Specificity	AXL/UFO
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for AXL/UFO recombinant antibody	ELISA, FCM/FACS (Flow Cytometry), FA (Functional Assay), Animal Model
Endotoxin	< 0.001EU/ug, determined by LAL method.
Conjugation	Unconjugated
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.

IMAGES



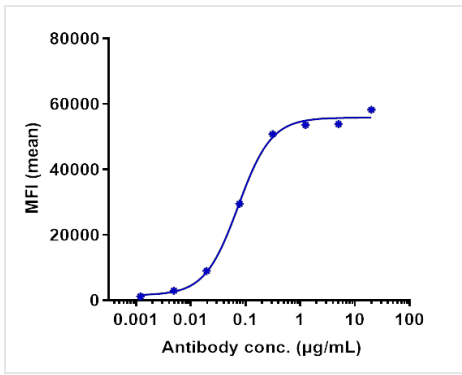
Application Data

Anti-AXL / UFO Reference Antibody (tilvestamab) P-AKT Test was evaluated using U251 cell. The max induction fold was approximately 1.43.



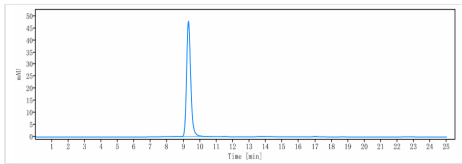
Application Data

The endocytosis ratio tilvestamab by U251 increased with the increase of antibody concentration, and the Internalization Rate (%) reached 40% at antibody concentration of 1 nM.



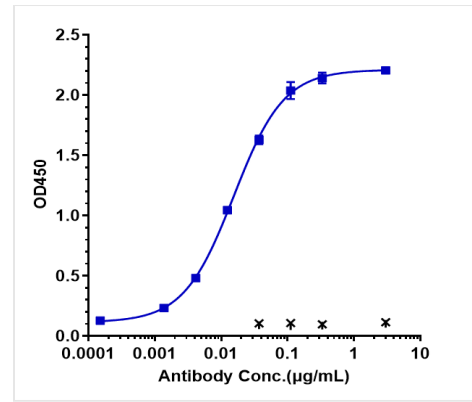
FCM (Flow Cytometry)

Human AXL HEK293 cells were stained with Anti-AXL / UFO Reference Antibody (tilvestamab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC127=0.07318 ug/mL



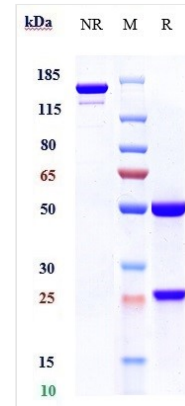
Application Data

The purity of Anti-AXL / UFO Reference Antibody (tilvestamab) is more than 95% ,determined by SEC-HPLC.



Application Data

Immobilized human Axl FC at 2 ug/mL can bind Anti-AXL / UFO Reference Antibody (tilvestamab), EC50=0.01542ug/mL



SDS-PAGE

Anti-AXL / UFO Reference Antibody (tilvestamab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

ADDITIONAL INFORMATION

Product Categories/Family for AXL/UFO recombinant antibody	Primary Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21536468
NCBI GeneID	558
NCBI Accession #	NP_001690.2
NCBI GenBank Nucleotide #	NM_001699.4
UniProt Accession #	P30530; Q8N5L2; Q9UD27
Molecular Weight	99kDa
NCBI Official Full Name	tyrosine-protein kinase receptor UFO isoform 2
NCBI Official Synonym Full Names	AXL receptor tyrosine kinase
NCBI Official Symbol	AXL
NCBI Official Synonym Symbols	UFO; JTK11
NCBI Protein Information	tyrosine-protein kinase receptor UFO; AXL oncogene; oncogene AXL; AXL transforming sequence/gene

UniProt Protein Name	Tyrosine-protein kinase receptor UFO
UniProt Gene Name	AXL
UniProt Synonym Gene Names	UFO
UniProt Entry Name	UFO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/axl-ufo-recombinant-antibody-flow-cytometry-functional-assay-elisa/29395>