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Anti-AXL / UFO Reference Antibody (enapotamab vedotin)

Recombinant Antibody Catalog # APR10664

Product Information

Application FC, Kinetics, Animal Model

98337

Primary Accession P30530
Reactivity Human
Clonality Monoclonal
Isotype IgG1

Additional Information

Target/Specificity AXL / UFO

Endotoxin

Calculated MW

Conjugation MMAE

Expression system CHO Cell

Format Purified monoclonal antibody supplied in PBS, pH6.0, without

preservative. This antibody is purified through a protein A column.

Protein Information

Name AXL

Synonyms UFO

Function Receptor tyrosine kinase that transduces signals from the extracellular

matrix into the cytoplasm by binding growth factor GAS6 and which is thus

regulating many physiological processes including cell survival, cell

proliferation, migration and differentiation. Ligand binding at the cell surface induces dimerization and autophosphorylation of AXL. Following activation by ligand, AXL binds and induces tyrosine phosphorylation of PI3-kinase subunits PIK3R1, PIK3R2 and PIK3R3; but also GRB2, PLCG1, LCK and PTPN11. Other downstream substrate candidates for AXL are CBL, NCK2, SOCS1 and TNS2. Recruitment of GRB2 and phosphatidylinositol 3 kinase regulatory subunits by AXL leads to the downstream activation of the AKT kinase. GAS6/AXL signaling plays a role in various processes such as endothelial cell survival during

acidification by preventing apoptosis, optimal cytokine signaling during human natural killer cell development, hepatic regeneration,

gonadotropin-releasing hormone neuron survival and migration, platelet activation, or regulation of thrombotic responses. Also plays an important

role in inhibition of Toll-like receptors (TLRs)-mediated innate immune

response.

Cellular Location Cell membrane; Single-pass type I membrane protein

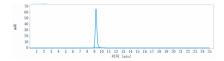
Tissue Location Highly expressed in metastatic colon tumors. Expressed in primary colon

tumors. Weakly expressed in normal colon tissue.

Images

Image not found: 202311/AP90663-1.jpg

Anti-AXL / UFO Reference Antibody (enapotamab vedotin) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-AXL / UFO Reference Antibody (enapotamab vedotin)is more than 99.9% ,determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.