



Anti-Axl monoclonal antibody, clone 209835 (DCABY-3930)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Axl (Ufo, Ark), Dtk (Sky, Tyro3, Rse, Brt) and Mer (human and mouse orthologs of chicken c-Eyk) constitute the TAM receptor tyrosine kinase subfamily. This RTK subfamily is characterized by an extracellular domain that consists of two Ig-like motifs and two fibronectin type III motifs. These receptors bind the vitamin K-dependent protein Growth Arrest Specific Gene 6 (Gas6). Receptor activation leads to cell proliferation, migration, or the prevention of apoptosis. Cellular signaling through this family of RTKs is involved in hematopoiesis, embryonic development, tumorigenesis, and spermatogenesis.
Specificity	Detects human Axl in direct ELISAs. In direct ELISAs, this antibody shows no cross-reactivity with recombinant mouse Axl, recombinanthuman (rh)Dtk or rhMer.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Axl. Met1-Pro440 Accession Number AAA61243
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	209835
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg

Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	AXL AXL receptor tyrosine kinase [Homo sapiens (human)]
Official Symbol	AXL
Synonyms	AXL; AXL receptor tyrosine kinase; UFO; JTK11; tyrosine-protein kinase receptor UFO; AXL oncogene; AXL transforming sequence/gene;
Entrez Gene ID	558
Protein Refseq	NP_001265528
UniProt ID	M0R0W6
Chromosome Location	19q13.1
Function	ATP binding; myosin heavy chain binding; phosphatidylinositol 3-kinase binding; phosphatidylserine binding; protein binding; protein heterodimerization activity; transmembrane receptor protein tyrosine kinase activity;