



# Anti-Axl monoclonal antibody, clone 208443 (DCABY-4136)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Specificity</b>	Detects mouse Axl in ELISAs and Western blots. Does not cross-react with recombinant human (rh) Axl, rmDtk, or rmMer.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse Axl. His20-Pro443 Accession Number Q00993
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	208443
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot, ELISA Capture (Matched Pair)
<b>Format</b>	Lyophilized
<b>Size</b>	500 µg

<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
<b>Preservative</b>	None
<b>Storage</b>	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 from date of receipt, 2 to 8 °C, reconstituted. 6 months from date of receipt, -20 to -70 °C, reconstituted.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Axl AXL receptor tyrosine kinase [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	AXL
<b>Synonyms</b>	AXL; AXL receptor tyrosine kinase; Ark; Ufo; Tyro7; AI323647; tyrosine-protein kinase receptor UFO; ufo oncogene homolog; adhesion-related kinase;
<b>Entrez Gene ID</b>	<a href="#">26362</a>
<b>Protein Refseq</b>	<a href="#">NP_001177903</a>
<b>UniProt ID</b>	<a href="#">Q6PE80</a>
<b>Chromosome Location</b>	7 A3-B1; 7 14.02 cM
<b>Function</b>	ATP binding; kinase activity; myosin heavy chain binding; nucleotide binding; phosphatidylinositol 3-kinase binding; phosphatidylserine binding; protein heterodimerization activity; protein kinase activity; protein tyrosine kinase activity; transferase ac