

Axl

Rat Anti-Mouse Axl (Clone 10E7) mAb

Catalog No.	CMA114	Quantity:	100 µg
Alternate Names:	Receptor protein-tyrosine kinase		
Description:	<p>Rat Anti-Mouse Axl was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with purified recombinant mouse Axl extracellular domain. IgG1 fraction of the cell culture supernatant was purified by Protein G affinity chromatography.</p> <p>Axl is a member of the receptor tyrosine kinase subfamily that includes Axl (Ufo, Ark), Dtk (Sky, Tyro3, Rse, Brt) and Mer. Although it is similar to other receptor tyrosine kinases, the Axl protein represents a unique structure of the extracellular region that juxtaposes IgL and FNIII repeats. The AXL receptor transduces signals from the extracellular matrix into the cytoplasm by binding growth factors like vitamin K-dependent protein growth-arrest-specific gene 6 (GAS6). It is involved in the stimulation of cell proliferation.</p>		
UniProt ID:	Q6PE80		
Gene ID:	26362		
Specificity:	Mouse Axl		
Host:	Rat		
Immunogen:	Mouse Axl extracellular domain		
Isotype:	IgG1		
Clone:	10E7		
Formulation:	Lyophilized from sterile filtered PBS		
Purification:	Protein G affinity chromatography from tissue culture supernatant		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute with 500 µL sterile water to a final concentration of 200 µg/mL.		
Cross-Reactivity:	This antibody recognizes mouse Axl in Western Blot. It has no cross reactivity to rmMer, or rmDtk. Cross reactivity to Axl of other species has not been tested.		
Applications:	Western blot: suggested dilution 1:100-1000. The optimal concentration should be determined by the user for their application.		
Storage & Stability:	Upon receipt, store at -80 °C for at least 1 year. After reconstitution, store in working aliquots at -80 °C for up to six months. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

