10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-ADAM9 Reference Antibody (Imgc936)

Recombinant Antibody
Catalog # APR10021

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q13443
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	90556

Additional Information

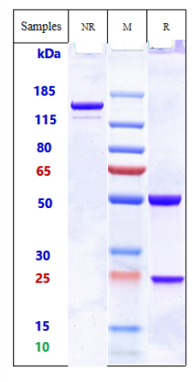
Target/Specificity	ADAM9
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Protein Information

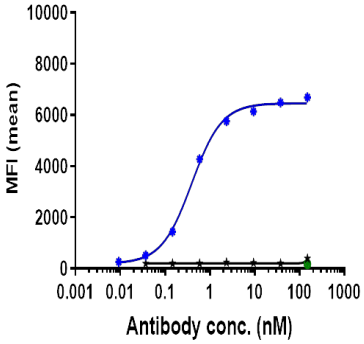
Name	ADAM9
Synonyms	KIAA0021, MCMP, MDC9, MLTNG
Function	Metalloprotease that cleaves and releases a number of molecules with important roles in tumorigenesis and angiogenesis, such as TEK, KDR, EPHB4, CD40, VCAM1 and CDH5. May mediate cell-cell, cell- matrix interactions and regulate the motility of cells via interactions with integrins.
Cellular Location	[Isoform 1]: Cell membrane; Single-pass type I membrane protein
Tissue Location	Widely expressed. Expressed in chondrocytes. Isoform 2 is highly expressed in liver and heart

Images

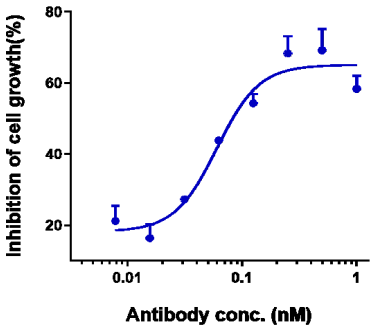
Anti-ADAM9 Reference Antibody (Imgc936) on SDS-PAGE under reducing (R) condition. The purity of the protein is



greater than 95%.



Human ADAM9 CHOS cells were stained with Anti-ADAM9 Reference Antibody (Imgc936) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.3912 nM.



The endocytosis ratio Imgc936 by Human ADAM9 HT29 increased with the increase of antibody concentration, and the Internalization Rate (%) reached 50% at antibody concentration of 1 nM.

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