

Anti-ADAM9 Reference Antibody (Imgc936)

Recombinant Antibody Catalog # APR10021

Specification

Anti-ADAM9 Reference Antibody (Imgc936) - Product Information

Application FC, Kinetics, Animal Model

Primary Accession
Reactivity
Mouse
Clonality
Isotype

Oliver Accession
Mouse
Monoclonal
IgG1

Calculated MW 147.62 KDa

Anti-ADAM9 Reference Antibody (Imgc936) - Additional Information

Target/Specificity

ADAM9

Endotoxin

< 0.001EU/ μg, determined by LAL method.

Conjugation Unconjugated

Expression system

CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Anti-ADAM9 Reference Antibody (Imgc936) - 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

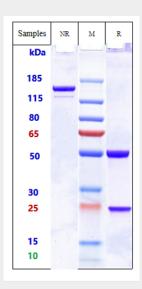


Anti-ADAM9 Reference Antibody (Imgc936) - Protocols

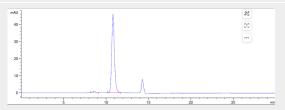
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-ADAM9 Reference Antibody (Imgc936) - Images

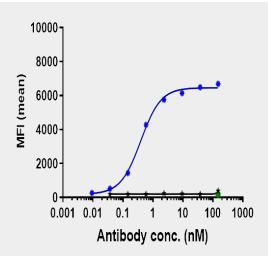


Anti-ADAM9 Reference Antibody (Imgc936) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

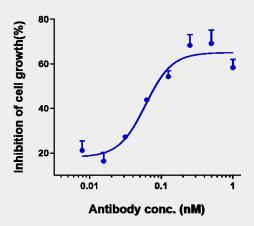


The purity of Anti-ADAM9 Reference Antibody (Imgc936)is more than 98.27% ,determined by SEC-HPLC.





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, EC70=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.