

Anti-ADAM9 Reference Antibody (Imgc936)
Recombinant Antibody
Catalog # APR10021

Specification

Anti-ADAM9 Reference Antibody (Imgc936) - Product Information

| | |
|-------------------|------------------------|
| Application | FC, E, FTA |
| Primary Accession | O13443 |
| Reactivity | Cynomolgus, Mouse |
| Clonality | Monoclonal |
| Isotype | 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.

Storage
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.

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

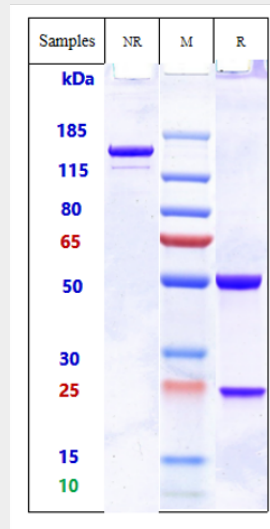
Tissue Location

Widely expressed. Expressed in chondrocytes. Isoform 2 is highly expressed in liver and heart

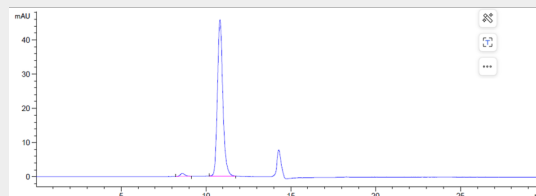
Anti-ADAM9 Reference Antibody (Imgc936) - Protocols

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

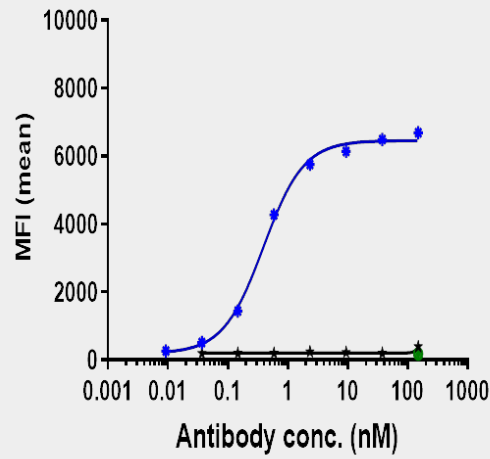
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-ADAM9 Reference Antibody (Imgc936) - Images

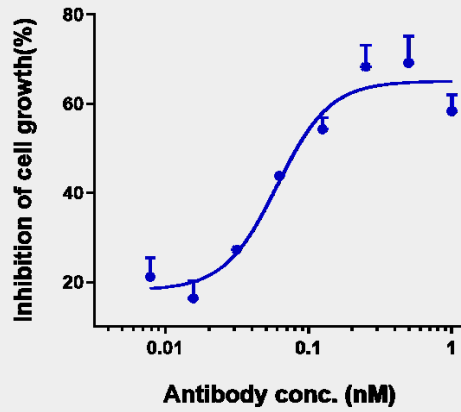
Anti-ADAM9 Reference Antibody (Imgc936) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



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.