
Product Name: CD108 Mouse Monoclonal Antibody**Catalog #: AMM82409**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	74.8kDa

Antigen Information

Gene Name	CD108
Alternative Names	SEMA7A; JMH; SEMAL; CDw108; SEMAK1; H-Sema-L; H-SEMA-K1
Gene ID	8482.0
SwissProt ID	O75326
Immunogen	Purified recombinant fragment of human ZAP70 (AA: 169-390) expressed in E. Coli.

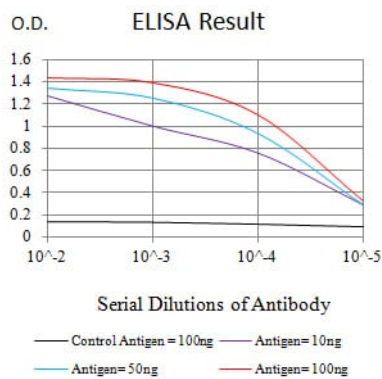
Background

This gene encodes a member of the semaphorin family of proteins. The encoded preproprotein is proteolytically processed to generate the mature glycosylphosphatidylinositol (GPI)-anchored membrane glycoprotein. The encoded protein is found on activated lymphocytes and erythrocytes and may be involved in immunomodulatory and neuronal processes. The encoded

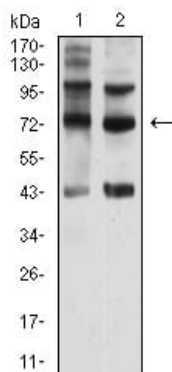
protein carries the John Milton Hagen (JMh) blood group antigens. Mutations in this gene may be associated with reduced bone mineral density (BMD). Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.

Research Area

Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using CD108 mouse mAb against Hela (1) and Y-79 (2) cell lysate.