
Summary

Production Name	CD100 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	CD100
Alternative Names	SEMA4D; SEMAJ; coll-4; C9orf164; M-sema-G
Gene ID	10507.0
SwissProt ID	Q92854.Purified recombinant fragment of human CD100 (AA: extra 590-734) expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	96.2kDa

Background

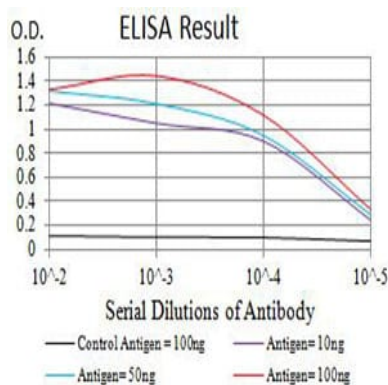
Product Name: CD100 Mouse Monoclonal Antibody
Catalog #: AMM81945



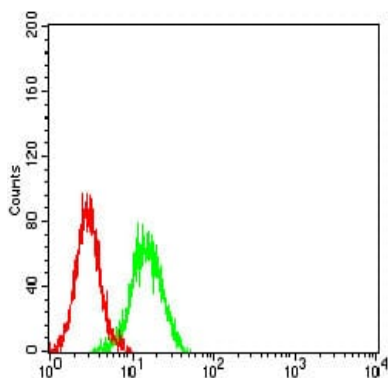
SEMA4D (Semaphorin 4D) is a Protein Coding gene. Diseases associated with SEMA4D include Hemorrhagic Fever With Renal Syndrome. Among its related pathways are Guidance Cues and Growth Cone Motility and Developmental Biology. GO annotations related to this gene include receptor binding and transmembrane signaling receptor activity. An important paralog of this gene is SEMA4B.

Research Area

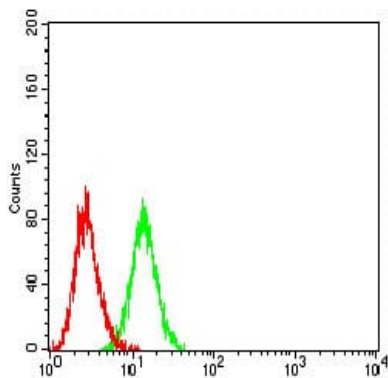
Image Data



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



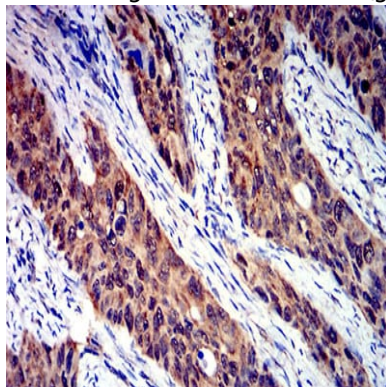
Flow cytometric analysis of K562 cells using CD100 mouse mAb (green) and negative control (red).



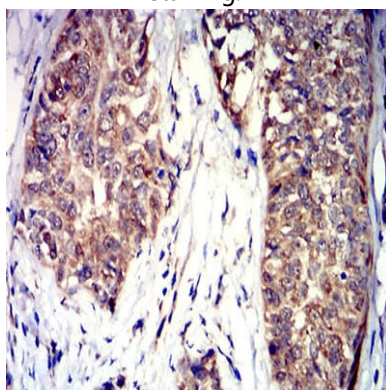
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Flow cytometric analysis of Ramos cells using CD100 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CD100 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using CD100 mouse mAb with DAB staining.

Note

For research use only.