

Product Name: CD147 Mouse Monoclonal Antibody
Catalog #: AMM82516



Summary

Production Name	CD147 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
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	CD147
Alternative Names	BSG; OK; 5F7; TCSF; EMMPRIN
Gene ID	682.0
SwissProt ID	P35613.Purified recombinant fragment of human CD147 (AA: extra 138-323) expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	42.2kDa

Background

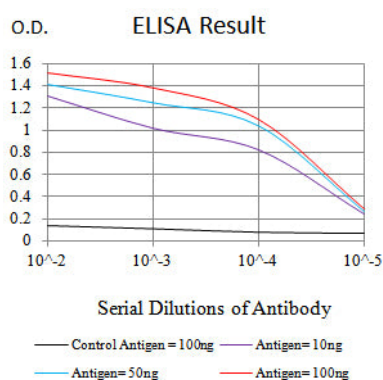
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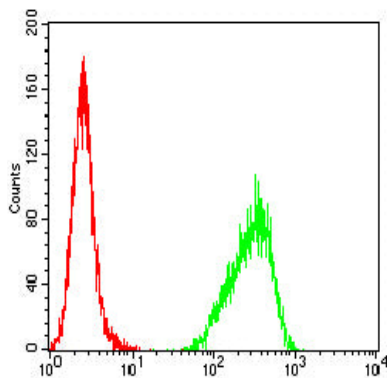
The protein encoded by this gene is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. The encoded protein is also a member of the immunoglobulin superfamily. Multiple transcript variants encoding different isoforms have been found for this gene.

Research Area

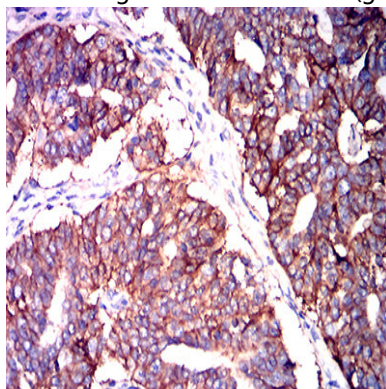
Image Data



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



Flow cytometric analysis of Hela cells using CD147 mouse mAb (green) and negative control (red).

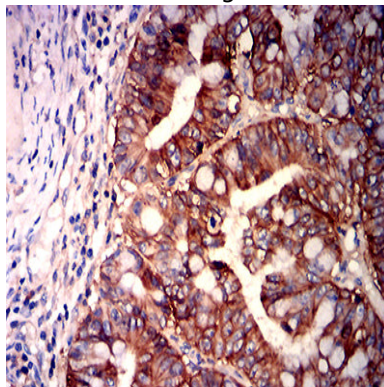


Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using CD147 mouse mAb with DAB

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staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using CD147 mouse mAb with DAB staining.

Note

For research use only.