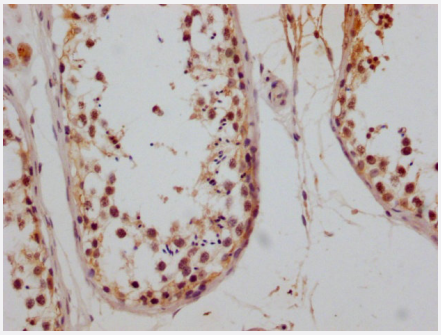
RecomAb™

CD147 recombinant monoclonal antibody, clone 11F3

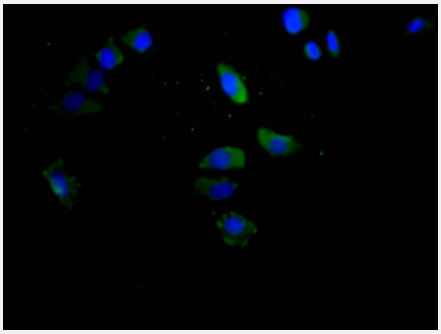
Catalog # RAB07656 Size 100 uL

Applications



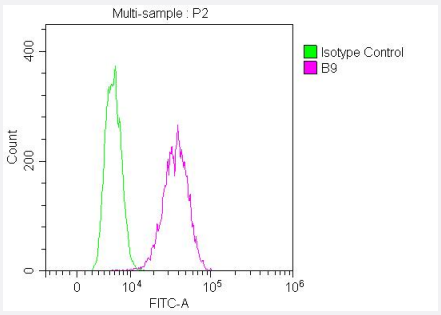
Immunohistochemistry

Immunohistochemistry image of CD147 recombinant monoclonal antibody, clone 11F3 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system.



Immunofluorescence

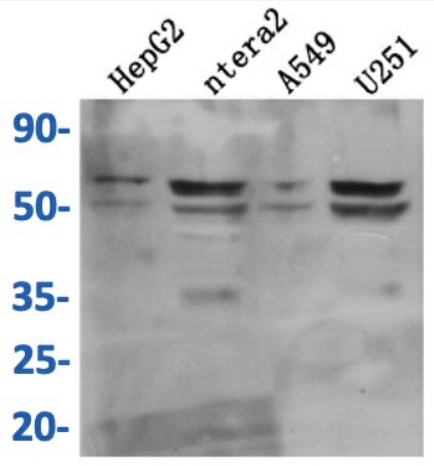
Immunofluorescence staining of Hela Cells with CD147 recombinant monoclonal antibody, clone 11F3 at 1:50, counter-stained with DAPI.



Flow Cytometry

Overlay Peak curve showing Hela cells stained with CD147 recombinant monoclonal antibody, clone 11F3 (red line) at 1:100.

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Western Blot

Western Blot analysis of Lane 1: Hela whole cell lysate; Lane 2: MCF-7 whole cell lysate; Lane3: Raji whole cell lysate; Lane 4: HEK293 whole cell lysate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CD147.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human CD147.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography purification
Isotype	IgG2a
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) Immunohistochemistry(1:50-1:200) Immunofluorescence(1:20-1:200) Western Blot(1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (0.03% Proclin 300 and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

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- Immunohistochemistry

  Immunohistochemistry image of CD147 recombinant monoclonal antibody, clone 11F3 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system.

- Immunofluorescence

  Immunofluorescence staining of Hela Cells with CD147 recombinant monoclonal antibody, clone 11F3 at 1:50, counter-stained with DAPI.

- Flow Cytometry

  Overlay Peak curve showing Hela cells stained with CD147 recombinant monoclonal antibody, clone 11F3 (red line) at 1:100.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot

  Western Blot analysis of Lane 1: Hela whole cell lysate; Lane 2: MCF-7 whole cell lysate; Lane3: Raji whole cell lysate; Lane 4: HEK293 whole cell lysate.

Gene Info — BSG

Entrez GeneID	682
Protein Accession#	P35613
Gene Name	BSG
Gene Alias	5F7, CD147, EMMPRIN, M6, OK, TCSF
Gene Description	basigin (Ok blood group)
Omim ID	109480 111380
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	CD147 antigen|M6 leukocyte activation antigen|OK blood group antigen|basigin|collagenase stimulatory factor|extracellular matrix metalloproteinase inducer

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Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema

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