

Product Information

Recombinant Anti-Human cd147 Antibody

Cat. No.: **MOM-18250**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is against Human CD147, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

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.

Target

CD147

Immunogen

Protein A-CR purified soluble recombinant form of CD147, CD147Rg, which consists of the cDNA coding for the hinge region, CH2-and CH3 domain of human IgG1 (CD147Rg is secreted by transfectants as a dimer).

Source

Mouse

Species Reactivity

Human

Type

Human IgM

Expression Host

CHO

Purity

>95.0%. Determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

Suitable for use in WB, IP, IF, FuncS, FC, Neut, ELISA and most other immunological methods.

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[BSG basigin \(Ok blood group\) \[Homo sapiens \]](#)

Official Symbol

BSG

Synonyms

BSG; basigin (Ok blood group); M6; OK; 5F7; TCSF; CD147; EMMPRIN; basigin; CD147 antigen; OK blood group antigen; collagenase stimulatory factor; leukocyte activation antigen M6; extracellular matrix metalloproteinase inducer; tumor cell-derived collagenase stimulatory factor

Gene ID

[682](#)

mRNA Refseq

[NM_001728](#)

Protein Refseq

[NP_001719](#)

MIM

[109480](#)

UniProt ID

P35613

Chromosome Location

19p13.3

Pathway

Basigin interactions; Cell surface interactions at the vascular wall; Hemostasis; Integrin cell surface interactions; Matrix Metalloproteinases; Metabolism; Pyruvate metabolism;

Function

mannose binding; protein binding