

Recombinant CD147 Antibody / Emmprin / Basigin [clone BSG/6468R] (V5539)

Catalog No.	Formulation	Size
V5539-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5539-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5539SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant **RABBIT MONOCLONAL**

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	BSG/6468R
Purity	Protein A/G affinity
UniProt	P35613
Localization	Cytoplasm, Cell membrane
Applications	Flow cytometry : 1-2ug/million cells Immunofluorescence : 1-3ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant CD147 antibody is available for research use only.

Description

This MAb recognizes extracellular epitope 2 within the N-terminal Ig domain of human CD147. It is expressed more intensely on thymocytes than on mature peripheral blood T cells. CD147 is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. It stimulates the production of interstitial collagenase, gelatinase A, stromelysin-1 and various metalloproteinases (MMPs) by fibroblasts. These enzymes are important factors in cancer invasion and metastasis.

Application Notes

Optimal dilution of the recombinant CD147 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human BSG protein was used as the immunogen for the recombinant CD147 antibody.

Storage

Aliquot the recombinant CD147 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.