

## 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 MAbs 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.