

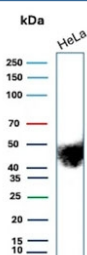
Recombinant CD147 Antibody / Emmprin / Basigin [clone BSG/9290R] (V5541)

Catalog No.	Formulation	Size
V5541-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5541-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5541SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

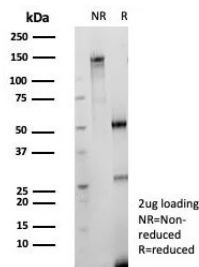
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	BSG/9290R
Purity	Protein A/G affinity
UniProt	P35613
Localization	Cell membrane
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml Western Blot : 2-4ug/ml
Limitations	This recombinant CD147 antibody is available for research use only.



Western blot testing of human HeLa cell lysate with recombinant CD147 antibody (clone BSG/9290R). Expected molecular weight: 27-66 kDa depending on level of glycosylation.



SDS-PAGE analysis of purified recombinant CD147 antibody (clone BSG/9290R) as confirmation of integrity and purity.

Description

CD147 is expressed more intensely on thymocytes than on mature peripheral blood T cells. It 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

A recombinant fragment (within amino acids 100-300) of 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.