

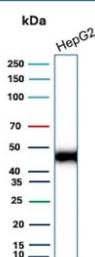
Recombinant CD147 Antibody / Basigin / Emmprin [clone BSG/9223R] (V5540)

Catalog No.	Formulation	Size
V5540-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5540-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5540SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

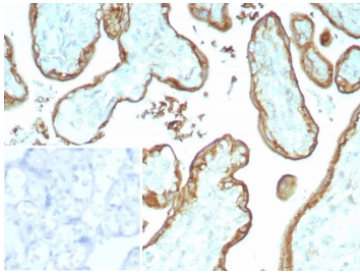
Recombinant **RABBIT MONOCLONAL**

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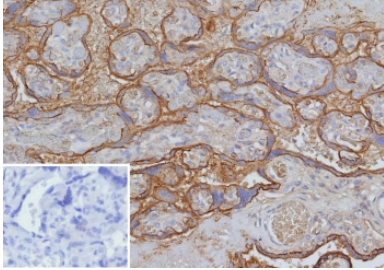
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	BSG/9223R
Purity	Protein A/G affinity
UniProt	P35613
Localization	Cell membrane
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml Western Blot : 2-4ug/ml
Limitations	This recombinant CD147 antibody is available for research use only.



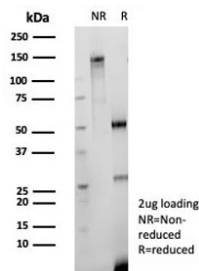
Western blot testing of human HepG2 cell lysate with recombinant CD147 antibody (clone BSG/9223R). Expected molecular weight: 27-66 kDa depending on level of glycosylation.



IHC staining of FFPE human placenta tissue with recombinant CD147 antibody (clone BSG/9223R). Inset: PBS used in place of primary Ab (secondary Ab negative control).
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human placenta tissue with recombinant CD147 antibody (clone BSG/9223R). Inset: PBS used in place of primary Ab (secondary Ab negative control).
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE Analysis recombinant CD147 antibody (clone BSG/9223R) as confirmation of integrity and purity.

Description

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 -20°C or colder. Avoid repeated freeze-thaw cycles.