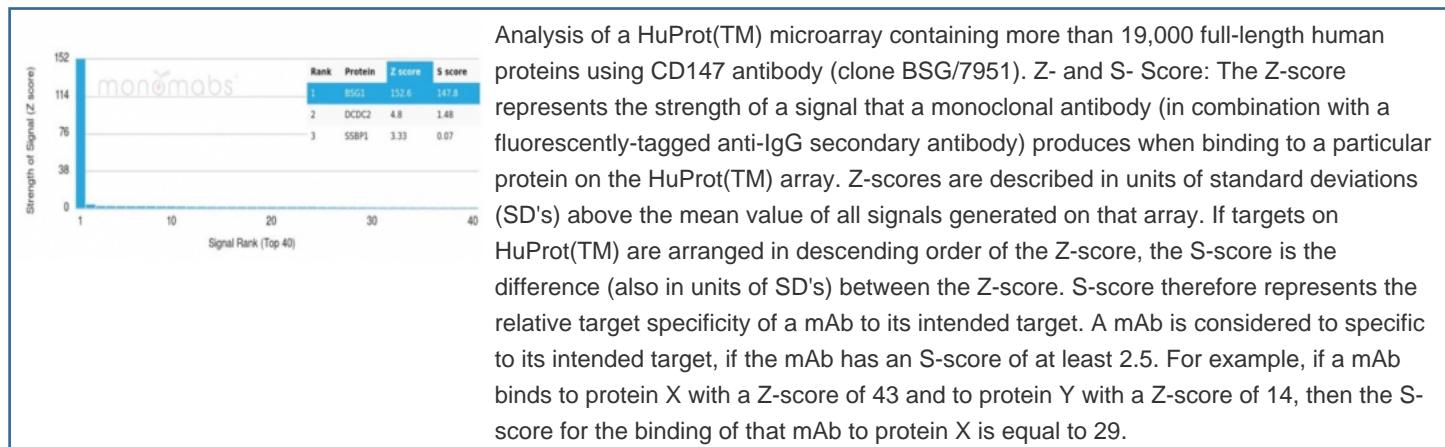


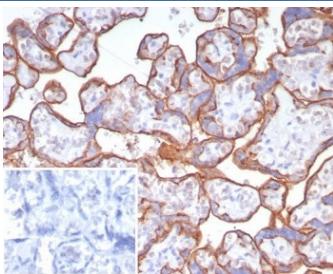
## CD147 Antibody / BSG / Emmprin [clone BSG/7951] (V4596)

Catalog No.	Formulation	Size
V4596-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4596-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4596SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

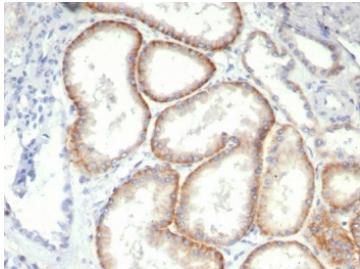
[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG
Clone Name	BSG/7951
Purity	Protein A/G affinity
UniProt	P35613
Localization	Cell surface
Applications	Western Blot : 2-4ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This CD147 antibody is available for research use only.

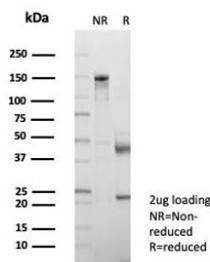




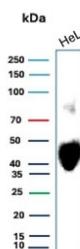
IHC staining of FFPE human placental tissue with CD147 antibody (clone BSG/7951) at 2ug/ml. Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human renal cell carcinoma tissue with CD147 antibody (clone BSG/7951) at 2ug/ml. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free CD147 antibody (clone BSG/7951) as confirmation of integrity and purity.



Western blot testing of human HeLa cell lysate with CD147 antibody. Predicted molecular weight: ~27 kDa (unmodified), 43-66 kDa (glycosylated).

## 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 CD147 antibody should be determined by the researcher.

## Immunogen

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

## Storage

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

