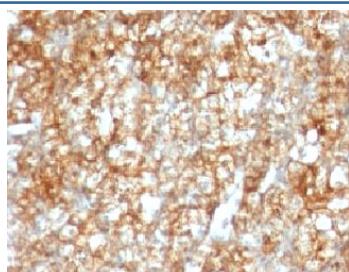


## CD147 Antibody [clone BSG/963] (V2876)

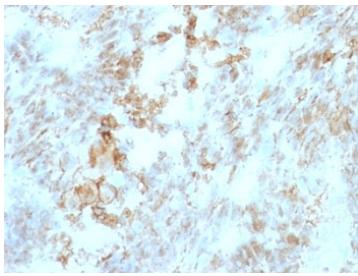
Catalog No.	Formulation	Size
V2876-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2876-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2876SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2876IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

### Bulk quote request

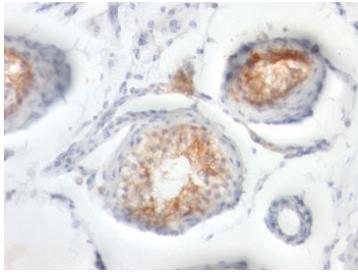
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	BSG/963
Purity	Protein G affinity chromatography
UniProt	P35613
Localization	Cell surface
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This CD147 antibody is available for research use only.



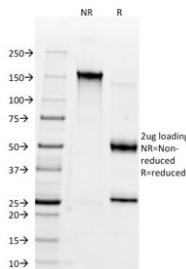
IHC: Formalin-fixed, paraffin-embedded human renal cell carcinoma stained with CD147 antibody (BSG/963).



IHC: Formalin-fixed, paraffin-embedded human colon carcinoma stained with CD147 antibody (BSG/963).



IHC: Formalin-fixed, paraffin-embedded human testicular carcinoma stained with CD147 antibody (BSG/963).



SDS-PAGE analysis of purified, BSA-free CD147 antibody (clone BSG/963) as confirmation of integrity and purity.

## Description

This mAb recognizes extracellular epitope 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 CD147 antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

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

## Storage

Store the CD147 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

