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Datasheet for ABIN6940676

## anti-CD147 antibody

### 4 Images

#### Overview

Quantity:	100 µg
Target:	CD147 (BSG)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD147 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

#### Product Details

Immunogen:	Recombinant human BSG protein
Clone:	BSG-963
Isotype:	IgG1 kappa
Specificity:	This MAbs 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.
Purification:	Purified by Protein A/G

## Target Details

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Target:	CD147 (BSG)
Alternative Name:	BSG ( <a href="#">BSG Products</a> )
Molecular Weight:	35kDa (non-reduced), 40kDa (reduced)
Gene ID:	682
UniProt:	<a href="#">P35613</a>
Pathways:	<a href="#">S100 Proteins</a>

## Application Details

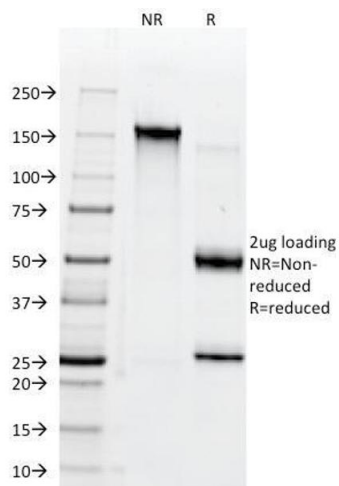
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Application Notes:	Positive Control: HSB2 cells. Renal Cell, Colon or Testicular carcinoma. Known Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

## Handling

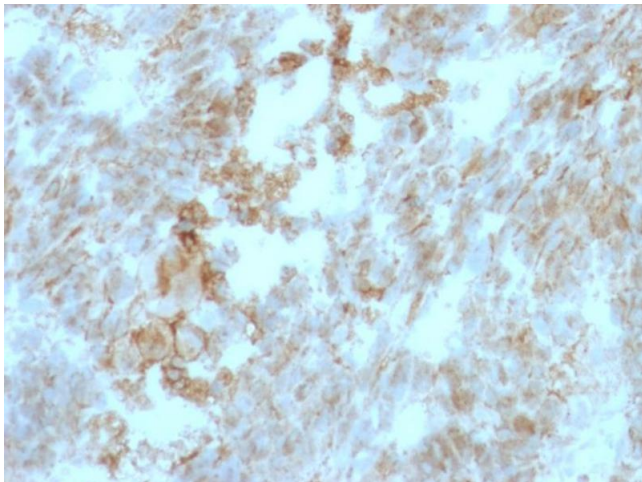
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Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



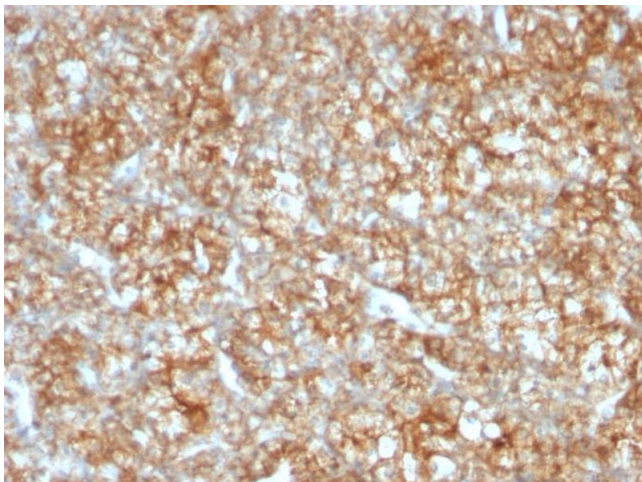
### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified CD147 Mouse Monoclonal Antibody (BSG/963). Confirmation of Integrity and Purity of Antibody.



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with CD147 Mouse Monoclonal Antibody (BSG/963).



### Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with CD147 Mouse Monoclonal Antibody (BSG/963).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6940676.