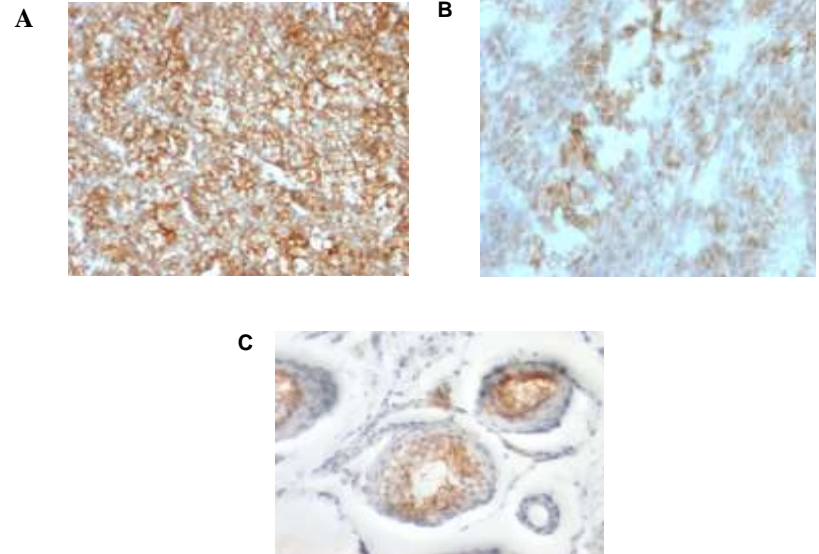


Anti-CD147 Antibody (BSG/963)

CATALOG NO:	A1475-100
ALTERNATIVE NAMES:	5A11 Antigen; 5F7; Basigin; Blood brain barrier HT7 antigen BSG; Extracellular Matrix Metalloproteinase Inducer (EMMPRIN); Leukocyte Activation Antigen M6; Neurothelin; OK Blood Group Antigen; TCSF; Tumor Cell-derived Collagenase Stimulatory Factor
AMOUNT:	100 µg
IMMUNOGEN:	Recombinant human BSG protein
HOST/ISOTYPE:	Mouse / IgG1
CLONALITY:	Monoclonal
CLONE:	BSG/963
MOL WEIGHT:	35 kDa (non-reduced); 40 kDa (reduced)
SPECIES REACTIVITY:	Human
PURIFICATION:	Protein A/G purified
FORM:	Liquid
FORMULATION:	Supplied in 10 mM PBS with 0.05% BSA & 0.05% azide
STORAGE CONDITIONS:	Shipped at 4°C. Long term storage at -20°C.
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:	FC: 0.5-1ug/1X10 ⁶ cells in 0.1ml IF: 1:100-1:200 IHC: 0.5-1 ug/ml for 30 minutes at RT (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 minutes)

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Formalin-fixed, paraffin-embedded (A) human Renal Cell Carcinoma (B) human Colon Carcinoma and (C) human Testicular Carcinoma stained with CD147 Monoclonal Antibody (BSG/963).

RELATED PRODUCTS:

- Anti-CD146 Rabbit Monoclonal Antibody (Cat. No. A1122)
- Anti-CD164 Antibody (Cat. No. A1242)
- Anti-CD223 (LAG3) Antibody (Cat. No. A1067)
- Anti-CD160 Antibody (Cat. No. A1072)
- Anti-CD137/4-1BB Antibody (Cat. No. A1087)

FOR RESEARCH USE ONLY! Not to be used on humans.