

CD147/BSG Rabbit mAb

Catalog No.: A22443 **Recombinant**

Basic Information

Observed MW

38-58kDa

Calculated MW

42kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human

CloneNo number

ARC2742

Background

The protein encoded by this gene, basigin, is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. Basigin is also a member of the immunoglobulin superfamily, ubiquitously expressed in various tissues. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB	1:100 - 1:500
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID

682

Swiss Prot

P35613

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 286-385 of human CD147/BSG (P35613).

Synonyms

OK; 5F7; TCSF; CD147; EMPRIN; HAb18G; EMMPRIN; CD147/BSG

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

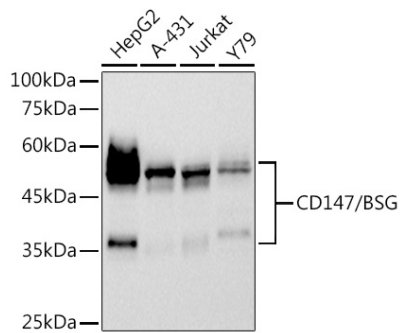
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using CD147/BSG antibody (A22443) at 1:500 dilution.

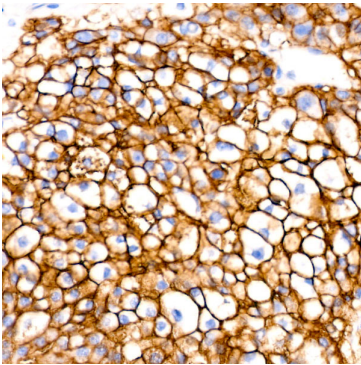
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded human liver using CD147/BSG Rabbit mAb (A22443) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.