

Datasheet for ABIN7145283
anti-CD147 antibody (AA 138-321)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	CD147 (BSG)
Binding Specificity:	AA 138-321
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD147 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Basigin protein (138-321AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CD147 (BSG)
Alternative Name:	BSG (BSG Products)
Background:	Background: Plays pivotal roles in spermatogenesis, embryo implantation, neural network formation and tumor progression. Stimulates adjacent fibroblasts to produce matrix

Target Details

metalloproteinases (MMPS). May target monocarboxylate transporters SLC16A1, SLC16A3 and SLC16A8 to plasma membranes of retinal pigment epithelium and neural retina. Seems to be a receptor for oligomannosidic glycans. In vitro, promotes outgrowth of astrocytic processes

Aliases: 5A11 antigen antibody, 5F7 antibody, BASI_HUMAN antibody, Basigin (Ok blood group) antibody, Basigin antibody, Blood brain barrier HT7 antigen antibody, Bsg antibody, CD 147 antibody, CD147 antibody, CD147 antigen antibody, Collagenase stimulatory factor antibody, EMMPRIN antibody, Extracellular matrix metalloproteinase inducer antibody, Leukocyte activation antigen M6 antibody, M 6 antibody, M6 antibody, M6 leukocyte activation antigen antibody, Neurothelin antibody, OK antibody, OK blood group antibody, OK blood group antigen antibody, TCSF antibody, Tumor cell derived collagenase stimulatory factor antibody, Tumor cell-derived collagenase stimulatory factor antibody

UniProt: [P35613](#)

Pathways: [S100 Proteins](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

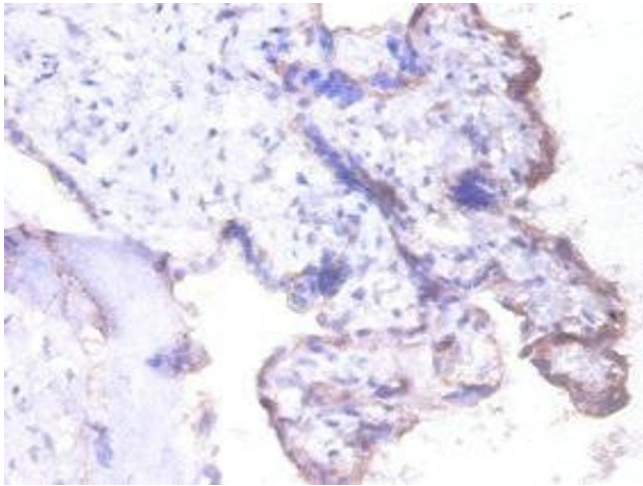
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

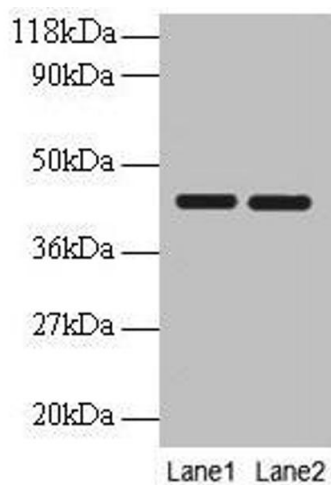
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7145283 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: BSG antibody at 2 µg/mL
Lane 1: EC109 whole cell lysate Lane 2: 293T whole cell lysate
Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 43, 30, 20, 23 kDa
Observed band size: 43 kDa