

Datasheet for ABIN5611319
anti-CD147 antibody (AA 138-323)



[Go to Product page](#)

6 Images

Overview

Quantity:	100 µL
Target:	CD147 (BSG)
Binding Specificity:	AA 138-323
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD147 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	CD147 Antibody
Immunogen:	Purified recombinant fragment of human CD147 (AA: 138-323) expressed in E. Coli.
Clone:	7H4D4
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	CD147 (BSG)
Alternative Name:	CD147 (BSG Products)
Background:	Description: The protein encoded by this gene is a plasma membrane protein that is important

Target Details

in spermatogenesis, embryo implantation, neural network formation, and tumor progression. The encoded protein is also a member of the immunoglobulin superfamily. Multiple transcript variants encoding different isoforms have been found for this gene.

Aliases: BSG, OK, 5F7, TCSF, EMMPRIN

Molecular Weight: 42.2kDa

Gene ID: 682

HGNC: 682

UniProt: [P35613](#)

Pathways: [S100 Proteins](#)

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200 - 1/400

Restrictions: For Research Use only

Handling

Format: Liquid

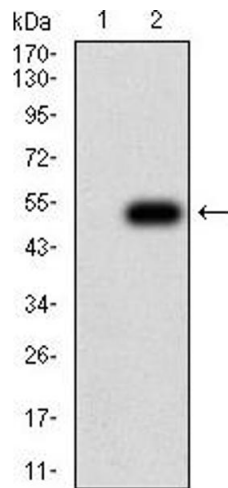
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

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

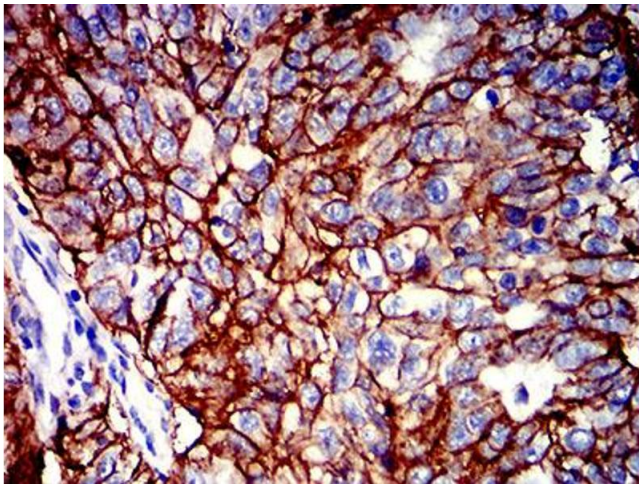
Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



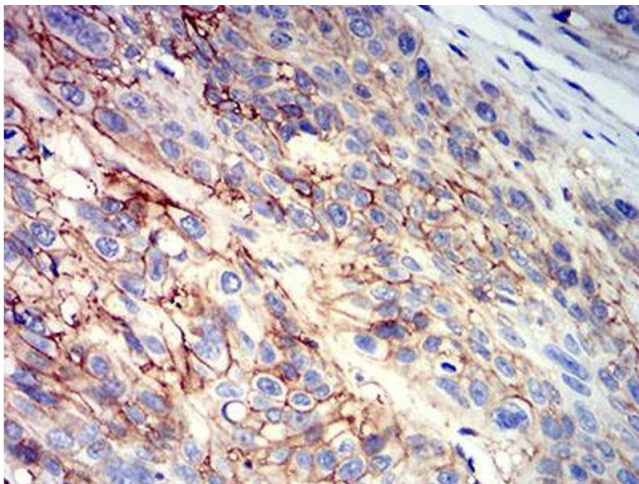
Western Blotting

Image 1. Western blot analysis using CD147 mAb against HEK293 (1) and CD147 (AA: extra 138-323)-hlgGFc transfected HEK293 (2) cell lysate.



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using CD147 mouse mAb with DAB staining.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded esophageal cancer tissues using CD147 mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5611319.