



[Go to Product page](#)

Datasheet for ABIN7193669
anti-CD147 antibody (AA 138-323)

6 Images

Overview

Quantity:	0.1 mg
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), Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human CD147 (AA: extra 138-323) expressed in E. coli.
Clone:	2D8C11
Isotype:	IgG2b
Purification:	purified

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 in spermatogenesis, embryo implantation, neural network formation, and tumor progression.

Target Details

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: 42.2 kDa

Gene ID: 682

Pathways: [S100 Proteins](#)

Application Details

Application Notes: WB:1:500 - 1:2000, IHC:1:200 - 1:1000, FCM:1:200 - 1:400, ELISA:1:10000,

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

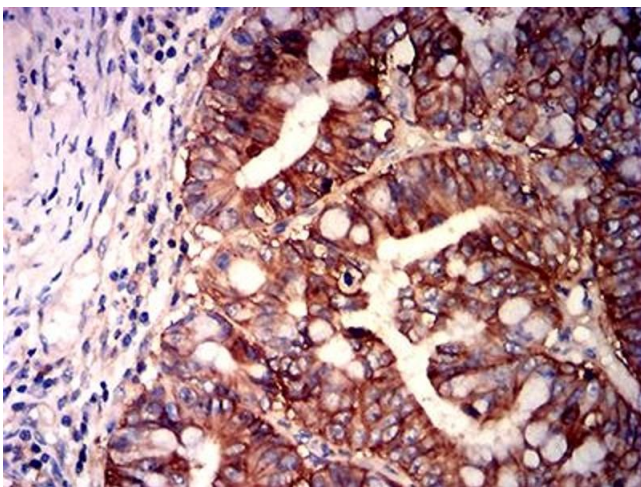
Preservative: Sodium azide

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

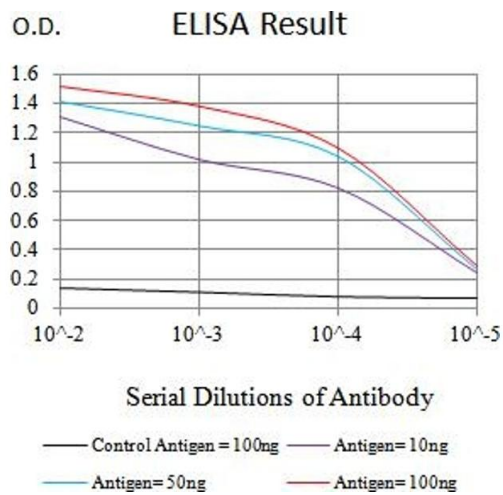
Storage Comment: 4°C, -20°C for long term storage

Images



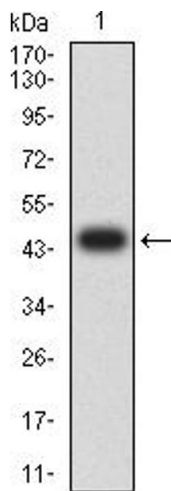
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using CD147 mouse mAb with DAB staining.



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using CD147 mAb against human CD147 (AA: extra 138-323) recombinant protein. (Expected MW is 46.3 kDa)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7193669.