

AibGenesis™ ViroAb™ Mouse Anti-Human CD147 Monoclonal Antibody (XS-0188)

Cat. No.: VRS-0224-YT748

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Overview

Target	CD147
Specificity	CD147
Clone	XS-0188
Host Species	Mouse
Antibody Isotype	IgG2b
Species Reactivity	Human; Rat; Dog; Monkey

Product Properties

Immunogen	Full length human recombinant protein of human BSG produced in HEK293T cell.
Purity	>95% as determined by SDS-PAGE
Purification	Affinity chromatography purified
Concentration	0.64 mg/mL (lot specific)

Packaging, Storage & Formulations

Form	Liquid
Formulation	PBS (pH 7.3), 1% BSA, 50% glycerol, 0.02% Sodium Azide
Preservative	0.02% Sodium Azide
Storage	Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

Application	WB; ICC; IF; IHC-P; FC
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Application Notes	WB: 1:200-1:1000 ICC/IF:1:100 IHC-P: 1:50 FC:1:100 The optimal working dilutions should be determined by the end user.
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Other Product Details

Clonality	Monoclonal
Related Disease	Malignant Tumors, Infectious Diseases, Rheumatoid Arthritis, Myocardial Infarction, Multiple Sclerosis, Renal Fibrosis
Disease Classification	Immune System Diseases

Virus Details

Virus Classification	Positive-sense single-stranded RNA Virus
Virus Family	<i>Coronaviridae</i>
Virus Subfamily	<i>Orthocoronavirinae</i>
Virus Genus	<i>Betacoronavirus</i>
Species	<i>Severe acute respiratory syndrome-related coronavirus</i>
Accession number	AY 274119
RefSeq number	NC 4718
Virus Abbrev	SARS-CoV
Virus Name	Severe acute respiratory syndrome coronavirus
Virus Alternatives Names	Severe acute respiratory syndrome-related coronavirus; SARS-CoV; SARS coronavirus; Severe acute respiratory syndrome-related coronavirus 2; SARS-CoV-2
Genome Composition	ssRNA(+)

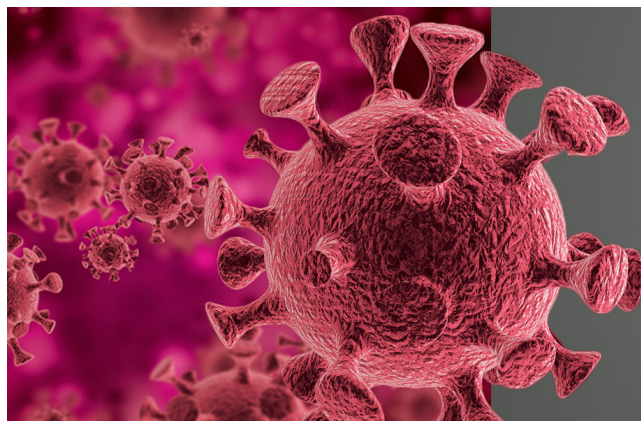
Target

Introduction	CD147, also known as neurothelin or basigin, is a member of the Ig superfamily. It is a 55-65 kD type I transmembrane glycoprotein which is primarily expressed on leukocytes, erythrocytes, platelets, and endothelial cells. CD147 is reported to have a function during embryonal brain development and/or play a role in integrin-mediated adhesion in brain endothelia.
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Target Alternative Names Basigin, BSG, SLC7A11, 5F7, OK blood group antigen, OK, Collagenase stimulatory factor, Extracellular matrix metalloproteinase inducer, EMMPRIN, Leukocyte activation antigen M6, M6, Tumor cell-derived collagenase stimulatory factor, TCSF, CD147 antigen, CD147

Gene ID [682](#)

UniProt ID [P35613](#)



AibGenesis™

is an advanced AI-driven platform designed to create novel antibody sequences with unprecedented speed and precision. By integrating deep learning, structure prediction, and comprehensive immunological datasets, **AibGenesis™** intelligently designs antibodies optimized for affinity, stability, and developability. The platform generates antibody products that support basic scientific research, drug development, and diagnostic applications.