



## AibGenesis™ ViroAb™ Mouse Anti-Human CD147 Monoclonal Antibody (XS-0228)

Cat. No.: VRS-0224-YT756

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

### Product Overview

Target	CD147
Specificity	Human CD147
Clone	XS-0228
Host Species	Mouse
Antibody Isotype	IgG1
Species Reactivity	Human

### Product Properties

Immunogen	Protein A-CR purified soluble recombinant form of CD147, CD147Rg, which consists of the cDNA coding for the hinge region, CH2- and CH3 domain of human IgG1 (CD 147Rg is secreted by transfectants as a dimer).
Purity	>95% as determined by SDS-PAGE
Purification	Protein A affinity chromatography
Concentration	1.0 mg/mL (lot specific)

### Packaging, Storage & Formulations

Form	Liquid
Formulation	PBS (pH 7.3)
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; FC; FuncS
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Application Notes                      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

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## 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	<a href="#">AY 274119</a>
RefSeq number	<a href="#">NC 4718</a>
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(+)

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## 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.
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

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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.