

Datasheet for ABIN2173113

anti-Claudin 12 antibody (AA 32-87) (Alexa Fluor 488)[Go to Product page](#)**1** Publication

Overview

Quantity:	100 µL
Target:	Claudin 12 (CLDN12)
Binding Specificity:	AA 32-87
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Claudin 12 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Claudin 12
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	Claudin 12 (CLDN12)
Alternative Name:	Claudin 12 (CLDN12 Products)

Target Details

Background:	Synonyms: Claudin-12, CLDN12 Background: Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.
Gene ID:	9069
UniProt:	P56749
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Strominger, Elyahu, Berner, Reckhow, Mittal, Nemirovsky, Monsonogo: "The Choroid Plexus Functions as a Niche for T-Cell Stimulation Within the Central Nervous System." in: Frontiers in immunology , Vol. 9, pp. 1066, (2019) (PubMed).
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