Datasheet for ABIN7072989

anti-CD13 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	CD13 (ANPEP)
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD13 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse CD13
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	CD13 (ANPEP)
Alternative Name:	CD13 (ANPEP Products)
Background:	Broad specificity aminopeptidase which plays a role in the final digestion of peptides generated from hydrolysis of proteins by gastric and pancreatic proteases. Also involved in the processing of various peptides including peptide hormones, such as angiotensin III and IV, neuropeptides, and chemokines. May also be involved the cleavage of peptides bound to major histocompatibility complex class II molecules of antigen presenting cells. May have a role in

Target Details

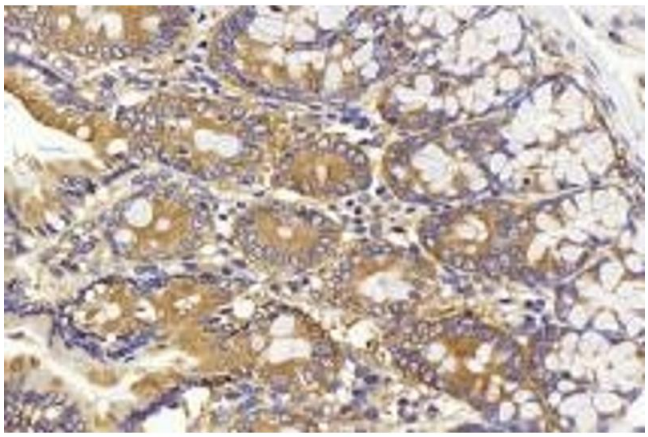
	angiogenesis and promote cholesterol crystallization. (Microbial infection) Acts as a receptor for human coronavirus 229E/HCoV-229E. In case of human coronavirus 229E (HCoV-229E) infection, serves as receptor for HCoV-229E spike glycoprotein . Mediates as well human cytomegalovirus (HCMV) infection .
Gene ID:	16790
NCBI Accession:	NP_032512
UniProt:	P97449
Pathways:	Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	IHC/IF (R) 1:500-1:1000/1:1000-1:2000
Restrictions:	For Research Use only

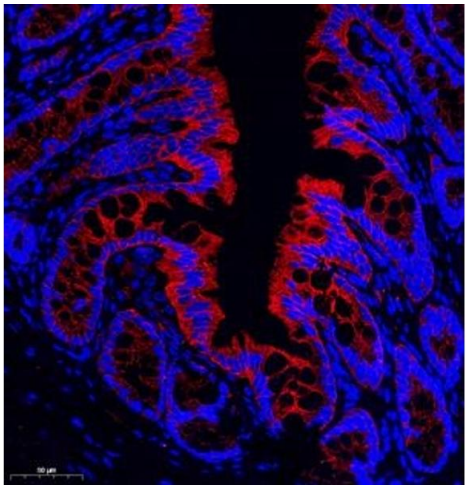
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % 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:	-20 °C



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis of paraffin-embedded rat colon using CD13(ABIN7072989) at dilution of 1:1000.



Immunofluorescence (Paraffin-embedded Sections)

Image 2. Immunofluorescence of paraffin embedded rat colon using CD13 (ABIN7072989) at dilution of 1: 1000