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Datasheet for ABIN7428575 **anti-CA5A antibody (AA 12-219)**

Overview

Quantity:	100 µL
Target:	CA5A
Binding Specificity:	AA 12-219
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CA5A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Carbonic Anhydrase VA (CA5A)
Immunogen:	Recombinant Carbonic Anhydrase VA (CA5A) corresponding to Tyr12~Leu219 (Accession # P43165)
Isotype:	IgG
Specificity:	The antibody is a mouse monoclonal antibody raised against CA5A. It has been selected for its ability to recognize CA5A in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	CA5A
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Target Details

Alternative Name:	Carbonic Anhydrase VA (CA5A Products)
Background:	CA-VA, CAVA, CAV, CA5, Carbonate dehydratase 5A, mitochondrial

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:500-5000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months