

Datasheet for ABIN7650496
anti-CA8 antibody (CF®647)



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Overview

Quantity:	100 µL
Target:	CA8
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CA8 antibody is conjugated to CF®647
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Carbonic Anhydrase VIII(CPTC-CA8-2), CF647 conjugate
Immunogen:	Recombinant full-length human CA8 protein
Clone:	CPTC-CA8-2
Isotype:	IgG2a, kappa
Characteristics:	Carbonic anhydrase VIII (carbonic anhydrase 8) was named because of sequence similarity to other known carbonic anhydrase genes. However, the gene product lacks carbonic anhydrase activity (i. e. , the reversible hydration of carbon dioxide). The gene product continues to carry a carbonic anhydrase designation based on clear sequence identity to other members of the carbonic anhydrase gene family. Mutations in the gene cause neurological disorders in mice. Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes offer exceptional brightness and photostability. Note: Conjugates of blue

Product Details

fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	CA8
Alternative Name:	Carbonic Anhydrase VIII
Background:	Synonyms: Carbonic Anhydrase VIII, Carbonic Anhydrase 8, CA-VIII, CA-Related Protein Gene Symbol: CA8
Molecular Weight:	32.97 kDa
Gene ID:	767
UniProt:	P35219

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Positive Control: Human cerebellum. Selective expression in purkinje cells. HEK-293 and K-562 cell lines.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1 mg/mL
Buffer:	PBS, 0.1 % BSA, 0.05 % 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.
Handling Advice:	Protect from light
Storage:	4 °C
Storage Comment:	Stable at room temperature or 37°C for 7 days. Protect from light

Handling

Store at 2 to 8°C. Protect fluorescent conjugates from light

Expiry Date: 24 months