

Product Datasheet

Anti-Carbonic Anhydrase I/CA1 Antibody (monoclonal, 4D5) (orb2603222)

Description	Anti-Carbonic Anhydrase I/CA1 Antibody (monoclonal, 4D5). Tested in Flow Cytometry, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Species/Host	Mouse
Reactivity	Human, Mouse, Rat
Conjugation	iFluor647
Tested Applications	FC, IHC, WB
Immunogen	E.coli-derived human CA1 recombinant protein (Position: D9-F261). Human CA1 shares 78.5% and 81% amino acid (aa) sequence identity with mouse and rat CA1, respectively.
Form/Appearance	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
Storage	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Note	For research use only
Application notes	Western blot, 0.25-0.5µg/ml, Human, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 2-5µg/ml, Human Flow Cytometry (Fixed), 1-3µg/1x10 ⁶ cells, Human. Add 0.2ml of distilled water will yield a concentration of 500ug/ml
Isotype	Mouse IgG2a
Clonality	Monoclonal
Clone Number	4D5

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Antibody Type	Primary Antibody
MW	29 kDa
Uniprot ID	P00915
Expiration Date	12 months from date of receipt.

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