

Product Datasheet

Carbonic Anhydrase I/CA1 Mouse Monoclonal Antibody (Biotin) (orb2603221)

Catalog Number	orb2603221
Category	Antibodies
Description	Anti-Carbonic Anhydrase I/CA1 Antibody (monoclonal, B4D7). Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Target	Carbonic anhydrase 1
Clonality	Monoclonal
Species/Host	Mouse
Isotype	Mouse IgG1
Conjugation	Biotin
Reactivity	Human, Mouse, Rat
Form/Appearance	Liquid
Buffer/Preservatives	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Purification	Immunogen affinity purified.
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.
UniProt ID	P00915
MW	46659 Da

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Tested applications	ELISA, IHC, WB
Dilution range	Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users. ELISA, Optimal dilutions should be determined by end users.
Cross Reactivity	No cross-reactivity with other proteins.
Antibody Type	Primary Antibody
Clone Number	B4D7
Storage	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Note	For research use only
Expiration Date	12 months from date of receipt.

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