

Product Datasheet

AMPD3 Antibody (AMPD3/901) [CoraFluor™ 1] NBP2-47691CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP2-47691CL1

AMPD3 Antibody (AMPD3/901) [CoraFluor™ 1]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	AMPD3/901
Preservative	No Preservative
Isotype	IgG2b Kappa
Conjugate	CoraFluor 1
Purity	Protein A or G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	272
Gene Symbol	AMPD3
Species	Human
Marker	Erythroid Marker
Specificity/Sensitivity	It recognizes a protein of ~90kDa, which is identified as Adenosine Monophosphate Deaminase, isoform E (AMPD3). It has 767 amino acids and is assigned an EC 3.5.4.6. It is a highly regulated enzyme that catalyzes the hydrolytic deamination of adenosine monophosphate to inosine monophosphate, a branch point in the adenylate catabolic pathway. AMPD3 gene encodes the erythrocyte (E) isoforms, whereas other family members encode isoforms that predominate in muscle (M) and liver (L) cells. This monoclonal antibody shows reactivity with cells of the erythroid lineage at all stages of maturation in the peripheral blood, bone marrow, and fetal liver. Non-erythroid lineages are negative by flow cytometry. This monoclonal antibody is useful in the diagnosis of erythroleukemia, identification of bone marrow erythroid precursors, gating erythroid nucleated precursor cells from malignant cells in bone marrow specimens.
Immunogen	Recombinant full-length human AMPD3 protein (Uniprot: Q01432)
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP2-47691CL1

NBP1-43317CL1	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [CoraFluor™ 1]
NBP2-14290PEP	AMPD3 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBP2-08635	AMPD3 Overexpression Lysate

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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