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PRODUCT DATASHEET

Anti-CD73/NT5E Antibody

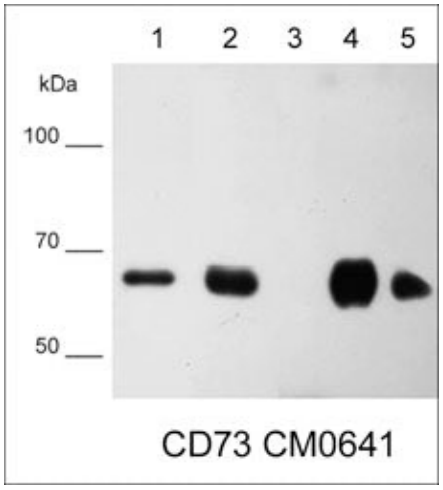
phosphosolutions ANTIBODIES THAT WORK

Product Details

Available Variants	100 µL (SKU:CM0641)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M064
Gene Name	CD73
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, IP, WB
Dilution Ranges	WB: 1:500 IP: 1:50
Species Reactivity	Human
Immunogen	Clone (M064) was generated from a proprietary antigen related to the mature form of CD73 expressed in the NCI-H1299 lung cancer cell line.
Specificity	Clone M064 mouse monoclonal antibody detects a 65 kDa* protein on SDSPAGE "Native" immunoblots of human H1299, H1915, and MDA-MB-231 carcinomas. This antibody weakly detects denatured CD73. The antibody works for native western blot, immunoprecipitation, and ELISA.
Molecular Weight	65
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	P21589 UniProt Summary: Catalyzes the hydrolysis of nucleotide monophosphates, releasing inorganic phosphate and the corresponding nucleoside, with AMP being the preferred substrate. Shows a preference for ribonucleotide monophosphates over their equivalent deoxyribose forms. Other substrates include IMP, UMP, GMP, CMP, dAMP, dCMP, dTMP, NAD and NMN.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	4907

Product Images



Western blot of native lysates including human CD73 recombinant protein (lane 1), NCI-H1915 lung carcinoma (lane 2), MeWo melanoma (lane 3), NCI-H1299 lung carcinoma (lane 4), and MDA-MB-231 breast carcinoma (lane 5). The blot was probed with mouse monoclonal anti-CD73 (CM0641) at 1:500.