

Product Datasheet

CD44 monoclonal antibody (M16), clone 4H2 (orb2294758)

Description	Mouse monoclonal antibody raised against a full-length recombinant CD44.
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, WB
Immunogen	CD44 (AAH04372, 1 a.a. ~ 699 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Preservatives	In 1x PBS, pH 7.4
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Protein Sequence	MDKFWWHAAWGLCLVPLSLAQIDLNITCRFAGVFHVEKNGRYSISRTEAADLCKAFNSTLP TMAQMEKALSIGFETCRYGFIEGHVVIPRIHPNSICAAANTGVYILTSNTSQYDTCFNASAP PEEDCTSVTDLPNAFDGPITITIVNRDGPTRYVQKGEYRTNPEDIYPSNPTDDDVSSESSERS STSGGYIFYTFSTVHIPDEDSPWITDSTDRIPATSTSSNTISAGWEPNEENEDRDRHLSFS GSGIDDEDIFISSTISTTPRAFDTKQNDQWTDQWNPESHNPVLLQTTTRMTDVRNGTT AYEGNWNPEAHPPLIHHEHHEEEETPHSTSTIQATPSSTTEETATQKEQWFGNRWHEGYR QTPREDSHSTTGTAASAHTSHPMQGRTPSPEDSSWTDFFNPISHPMGRGHQAGRRMD MDSSHSTTLQPTANPNTGLVEDLDRTGPLSMTTQQSNSQSFSTSHGLEEDKDHPPTSTLT SSNRNDVTGRRDPNHSEGSTTLLEGYTSYHPHTKESRTFIPVTSAKTGSFGVTAVTVGDS NSNVNRSLSGDQDTFHPSGGSHHTHGSSESDGSHSGSQEGGANTTSGPIRTPQIPEWLILA SLLALALILAVCIAVNSRRRCGQKKLVINSGNGAVEDRKPSGLNGEASKSQEMVHLVNKES SETPDQFMTAETRNLQNVDKIGV
Isotype	IgG2a Kappa

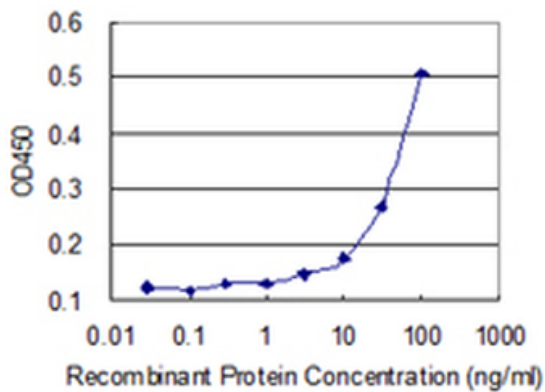
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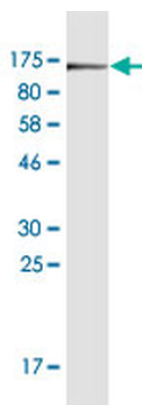
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Clonality	Monoclonal
Clone Number	4H2
NCBI	AAH04372
Expiration Date	12 months from date of receipt.



Detection limit for recombinant GST tagged CD44 is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (102.63 KDa).

Biorbyt Ltd.

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