

Product Datasheet

GCH1 monoclonal antibody (M01), clone 4A12 (orb2292911)

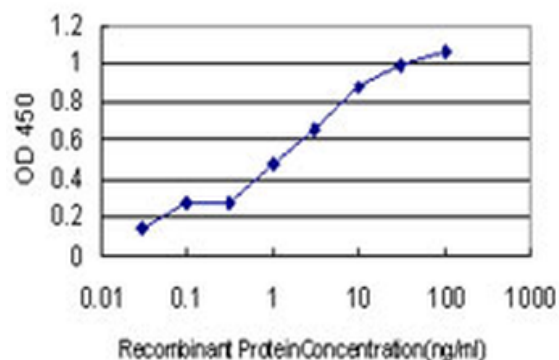
Description	Mouse monoclonal antibody raised against a partial recombinant GCH1.
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, IHC-P, IP, WB
Immunogen	GCH1 (NP_000152, 84 a.a. ~ 172 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 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	ENPQRQGLLKTPWRAASAMQFFTKGYQETISDVLNDAIFDEDDHDEMIVKIDIDMFSMCEH HLVPFVGKVVHIGYLPNKQVLGLSKLARIV
Isotype	IgG2a Kappa
Clonality	Monoclonal
Clone Number	4A12
NCBI	NP_000152
Expiration Date	12 months from date of receipt.

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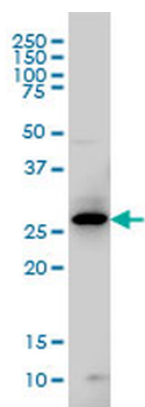
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Cambridge, CB5 8LA, United Kingdom
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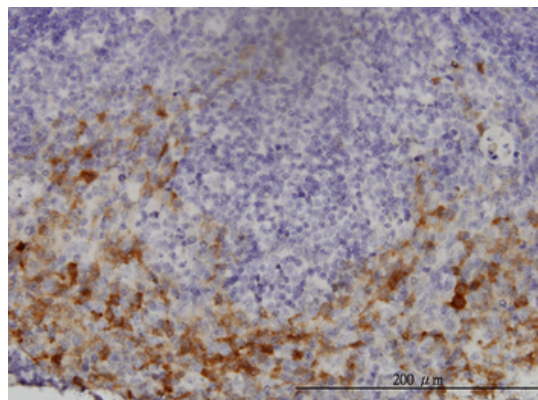
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Detection limit for recombinant GST tagged GCH1 is approximately 0.3 ng/ml as a capture antibody.



GCH1 monoclonal antibody (M01), clone 4A12 Western Blot analysis of GCH1 expression in IMR-32.



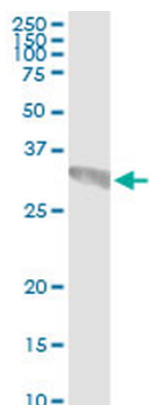
Immunoperoxidase of monoclonal antibody to GCH1 on formalin-fixed paraffin-embedded human lymph node. [antibody concentration 3 ug/ml]

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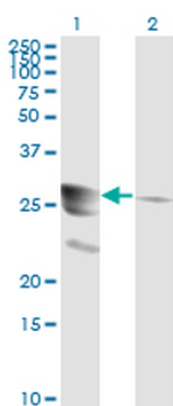
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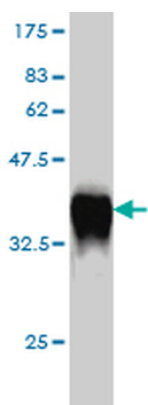
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Immunoprecipitation of GCH1 transfected lysate using anti-GCH1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GCH1 MaxPab rabbit polyclonal antibody.



Western Blot analysis of GCH1 expression in transfected 293T cell line by GCH1 monoclonal antibody (M01), clone 4A12. Lane 1: GCH1 transfected lysate (27.9 KDa). Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (35.53 KDa).

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