

Product Datasheet

STAT3 monoclonal antibody (M02), clone 4D6 (orb2292115)

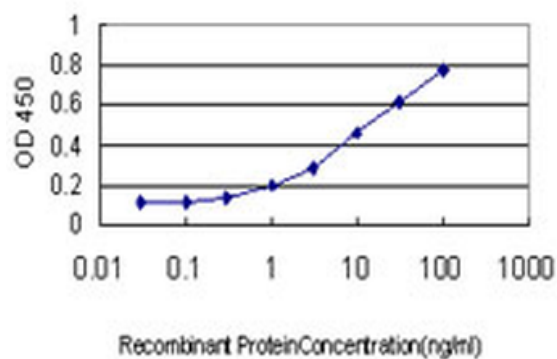
Description	Mouse monoclonal antibody raised against a partial recombinant STAT3.
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, IF, PLA, WB
Immunogen	STAT3 (NP_003141, 670 a.a. ~ 769 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 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	LVYLYPDIPKEEAFGKYCRPESQEHPEADPGAAPYLKTKFICVTPTTCSNTIDLPMSPRTLDSL MQFGNNGEGAEPSAGGQFESLTFDMELTSECATSPM
Isotype	IgG1 Kappa
Clonality	Monoclonal
Clone Number	4D6
NCBI	NP_003141
Expiration Date	12 months from date of receipt.

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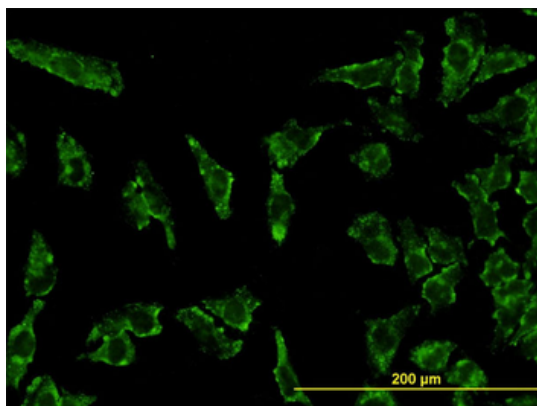
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Cambridge, CB5 8LA, United Kingdom
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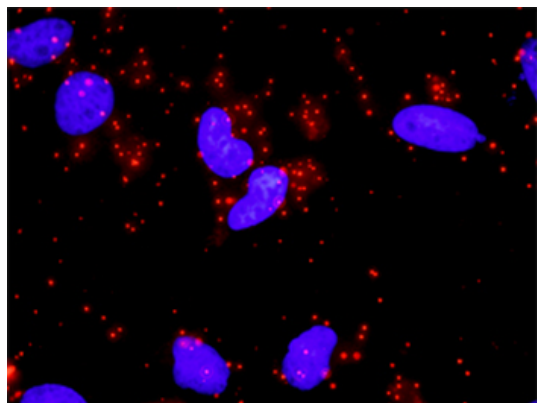
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Detection limit for recombinant GST tagged STAT3 is approximately 0.1 ng/ml as a capture antibody.



Immunofluorescence of monoclonal antibody to STAT3 on HeLa cell. [antibody concentration 10 ug/ml]



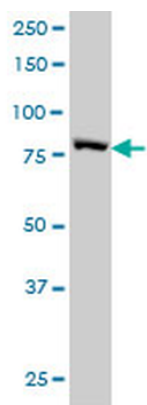
Proximity Ligation Analysis of protein-protein interactions between NFKB1 and STAT3. HeLa cells were stained with anti-NFKB1 rabbit purified polyclonal 1:1200 and anti-STAT3 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

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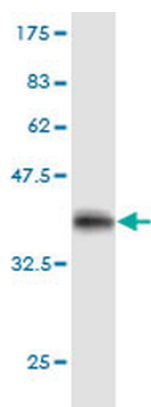
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STAT3 monoclonal antibody (M02), clone 4D6 Western Blot analysis of STAT3 expression in HeLa.



Western Blot detection against Immunogen (36.74 KDa).

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