

Product datasheet for **DDX1400P-100**

MYD88 Mouse Monoclonal Antibody [Clone ID: 603E10.05]

Product data:

Product Type:	Primary Antibodies
Clone Name:	603E10.05
Applications:	FC, IHC
Recommended Dilution:	DDX1400P-50 / DDX1400P-100 Purified: FACS intracellular, ImmunoHistoChemistry frozen sections, ImmunoHistoChemistry paraffin sections. DDX1400A488-50 / DDX1400A488-100 Alexa- fluor®A488: FACS intracellular, ImmunoFluorescence. DDX1400A546-50 / DDX1400A546-100 Alexa- fluor®546: FACS intracellular, ImmunoFluorescence. DDX1400A647-50 / DDX1400A647-100 Alexa- fluor®647: FACS intracellular, ImmunoFluorescence.

Applications tested: Intracyto flow cytometry, IF, IHC paraffin.

Usage recommendation:

- *This monoclonal antibody may be used between 5-20 µg/ml.
- *Optimal dilution should be determined by each laboratory for each application.
- *Coupled antibody: to maintain RT before using.

Reactivity:	Canine, Human, Porcine
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	huMyd88 transfected 293T cells
Specificity:	Human Myd88. Both 603E10.05 and 603E10.06 monoclonal antibodies were validated both in Human and in Dog. 603E10.05 was validated in Swine. Species cross-reactivity: Negative for Murine Myd88.
Formulation:	Purified: 100 µg in 200µl / 50 µg in 100 µl Tris-NaCl pH 8. Coupled: 100 µg in 200µl / 50 µg in 100 µl Tris PBS 50% glycerol. State: Purified
Concentration:	lot specific



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Purification: QMA Hyper D ion exchange chromatography

Storage: **-20°C. KEEP CONTENTS STERILE: no preservative.**
Purified antibodies: avoid repeated freeze/thaw cycles.
Coupled antibodies: glycerol protects from freezing.

Gene Name: myeloid differentiation primary response 88

Database Link: [Entrez Gene 4615 Human](#)

Background: MyD88 (myeloid differentiation primary response gene 88) is a universal adapter protein of 296 aa used by all TLRs (except TLR3) and by IL1-R to activate the transcription factor NF-κB. Myd88 binds IRAK1, IRAK2 and TRAF6, leading to NF-κB activation, cytokine secretion and inflammatory response. Myd88 increases IL8 transcription, and is involved in IL18 signaling pathway. A monoclonal antibody was raised against huMyd88-transfected 293T cells. This antibody specifically recognizes endogenously expressed Myd88 and does not cross-react with the mouse Myd88. Both 603E10.05 and 603E10.06 monoclonal antibodies were validated both in human and in dog. 603E10.05 was validated in swine.

Synonyms: Myeloid differentiation primary response protein MyD88

Product images:

