

Monoclonal Anti-human, canine, porcine Myd88

Product reference: DDX1400-1401

Description

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.

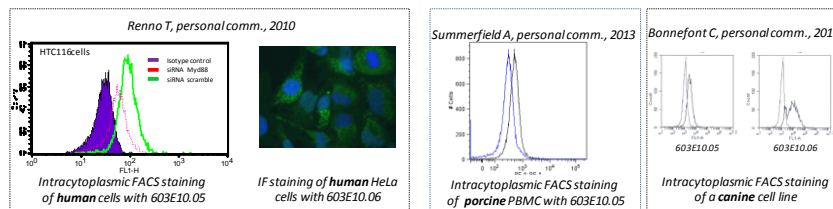
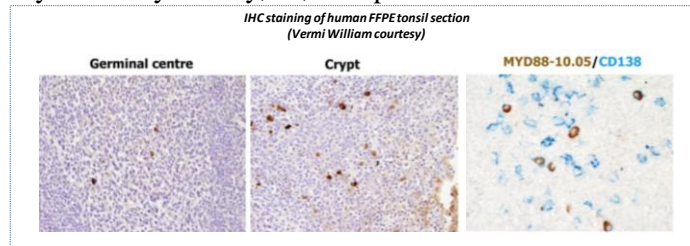
Clones:	603E10.05 and 603E10.06
Species:	mouse
Specificity:	human Myd88
Immunogen:	huMyd88 transfected 293T cells
Species cross-reactivity:	negative for murine Myd88, canine, swine
Isotype:	IgG2b (603E10.05), IgG1 (603E10.06)
Purification:	QMA Hyper D ion exchange chromatography
Formulation/size:	Purified: 100 µg in 200 µl / 50 µg in 100 µl Tris-NaCl pH 8 Coupled: 100 µg in 200µl / 50 µg in 100 µl PBS 50% glycerol

Available format

Reference		Clone	Format	Application tested
50 µg	100 µg			
DDX1400P-50	DDX1400P-100	603E10.05	Purified	IHC paraffin, Intracyto flow cytometry
DDX1400A488-50	DDX1400A488-100	603E10.05	Alexa-fluor®488	Intracyto flow cytometry, IF
DDX1400A546-50	DDX1400A546-100	603E10.05	Alexa-fluor®546	Intracyto flow cytometry, IF
DDX1400A647-50	DDX1400A647-100	603E10.05	Alexa-fluor®647	Intracyto flow cytometry, IF
DDX1401P-50	DDX1401P-100	603E10.06	Purified	Intracyto flow cytometry, IF
DDX1401A488-50	DDX1401A488-100	603E10.06	Alexa-fluor®488	Intracyto flow cytometry, IF
DDX1401A546-50	DDX1401A546-100	603E10.06	Alexa-fluor®546	Intracyto flow cytometry, IF
DDX1401A647-50	DDX1401A647-100	603E10.06	Alexa-fluor®647	Intracyto flow cytometry, IF

Other clones available on request

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 use.

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

Not for use in Humans. For research purpose only