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Product datasheet for TA385872

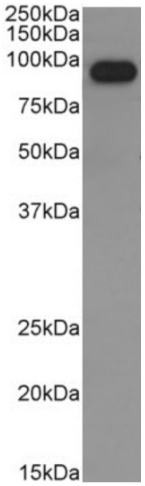
IgM Rabbit Monoclonal Antibody [Clone ID: M15/8]

Product data:

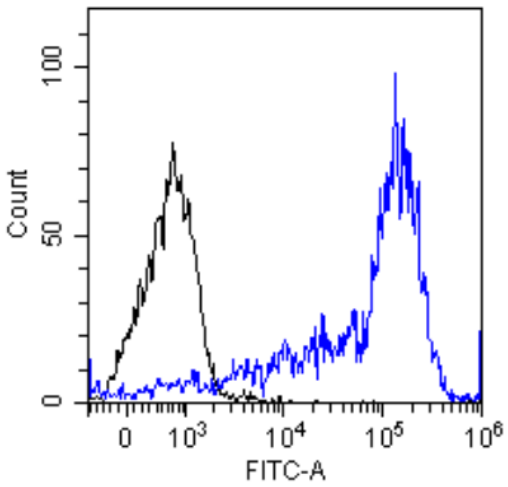
Product Type:	Primary Antibodies
Clone Name:	M15/8
Applications:	Bl, ELISA, FC, IHC, IP
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	BALB/c mice immunized with human IgM.
Specificity:	This antibody binds to human IgM. This antibody binds to IgM, which acts in primary immune defines and is involved in early recognition of antigens.
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Database Link:	P01871
Note:	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

View online »

Product images:



Western Blot using anti-IgM antibody M15/8 (TA385872) Human spleen lysate (35µg protein in RIPA buffer) was resolved on a 10% SDS PAGE gel and blots probed with the chimeric rabbit version of M15/8 (TA385872) at 0.3 µg/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence. The expected band size for IgM is 180/900kDa for monomeric/pentameric IgM respectively. Here it is likely that the observed fragment is single glycosylated IgM heavy chain as TA385872 is targetted to the Fc region of IgM (Cragg et al., PMID: 10070880). TA385872 successfully detected IgM in human spleen lysate.



Flow-cytometry using the anti-IgM M15/8 (TA385872) Daudi cells were stained with unimmunized rabbit IgG antibody (black line) or the rabbit-chimeric version of M15/8 (TA385872, blue line) at a concentration of 10 µg/ml for 30 mins at RT. After washing, bound antibody was detected using anti-rabbit IgG JK (FITC-conjugate) antibody at 2 µg/ml and cells analyzed on a FACSCanto flow-cytometer.