

Product datasheet for **TA385808**

HLA class II Rabbit Monoclonal Antibody [Clone ID: F3.3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	F3.3
Applications:	FC, WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Specificity:	Recognising anti-class II HLA molecules.

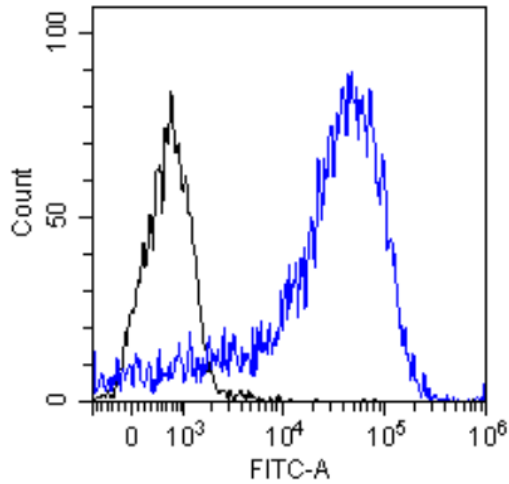
This antibody has been shown to work by flow-cytometry and western blot. Dechant et al (PMID: 12393717) used a human IgA2-chimeric version of this antibody to study IgA-mediated cell killing.

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.
Note:	This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG1 format, for improved compatibility with existing reagents, assays and techniques.

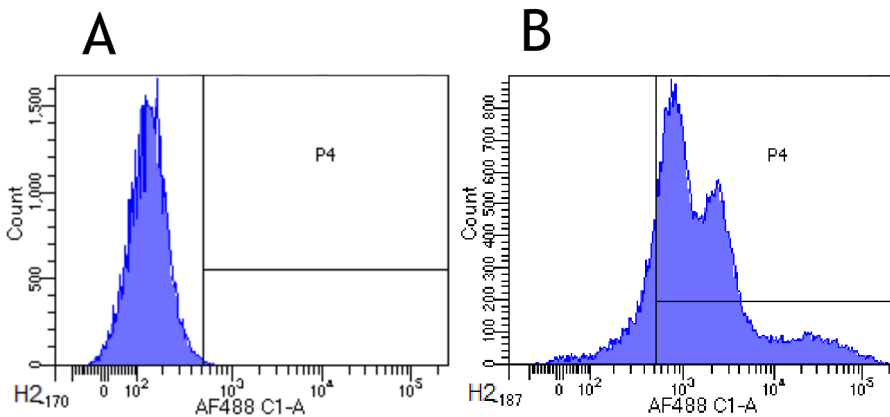


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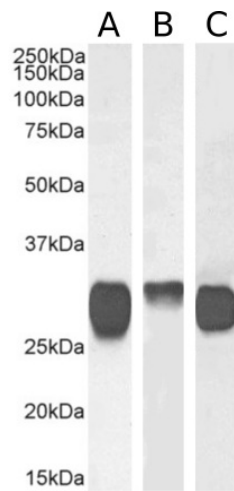
Product images:



Flow-cytometry using the anti-HLA II DR antibody F3.3 (TA385808) Daudi cells were stained with unimmunized rabbit IgG antibody (black line) or the rabbit-chimeric version of F3.3 (TA385808, 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.



Flow-cytometry using anti-HLA class II antibody F3.3 (TA385808) Human leukocytes were stained with an isotype control ([TA385644], panel A) or the rabbit-chimeric version of F3.3 (TA385808, panel B) at a concentration of 1 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.



Western Blot using anti-HLA class II histocompatibility antigen DR antibody F3.3 (TA385808) Human spleen (A), human tonsil (B) and Daudi cell lysate (C) samples (35 μ g protein in RIPA buffer) were resolved on a 10% SDS PAGE gel and blots probed with the chimeric rabbit version of F3.3 (TA385808) at 0.01 μ g/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 HLA II DR is ~30 kDa, depending upon the exact DR isoform expressed (c.f. Klitz et al, PMID: 12974796). TA385808 successfully detected human HLA class II histocompatibility antigen DR in human spleen and tonsil lysate as well as Daudi cell lysate.