

HLA class II Recombinant Antibody | HLA-DR recombinant antibody

Anti-HLA class II [F3.3]

CATALOG #
AAA71966

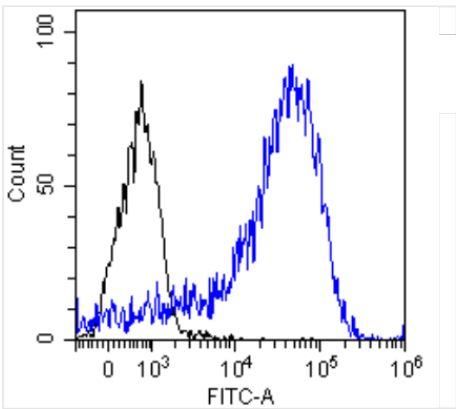
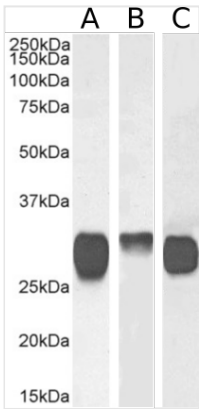
REACTIVITY
Human

PRODUCT SYNONYMS

HLA class II; Monoclonal Recombinant Antibody; Anti-HLA class II [F3.3]; HLA class II related epitope; HLA-DR recombinant antibody

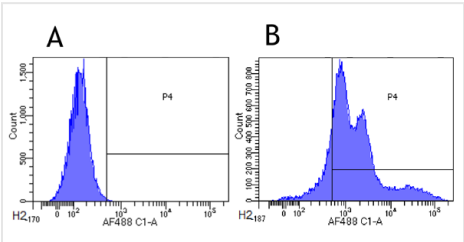
PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	F3.3
Specificity	Recognising anti-class II HLA molecules.
Purity/Purification	Purified Protein A Affinity Purified
Antigen	HLA class II
Buffer Composition	PBS only with 0.02% Proclin 300.
Chimeric Use Statement	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.
Publication Note	Describes the preparation and characterisation of anti human HLA class II antibody by of ADCC ofG-CSF primed PMN expressing in the presence of F3.3 to HLA class II related epitope (HLA-DR).
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.



WB (Western Blot)
Western Blot using anti-HLA class II histocompatibility antigen DR antibody F3.3 Human spleen (A), human tonsil (B) and Daudi cell lysate (C) samples (35ug protein in RIPA buffer) were resolved on a 10% SDS PAGE gel and blots probed with the chimeric rabbit version of F3.3 at 0.01 ug/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). successfully detected human HLA class II histocompatibility antigen DR in human spleen and tonsil lysate as well as Daudi cell lysate.

FCM/FACS (Flow Cytometry)
Flow-cytometry using the anti-HLA II DR antibody F3.3 Daudi cells were stained with unimmunized rabbit IgG antibody (black line) or the rabbit-chimeric version of F3.3 at a concentration of 10 ug/ml for 30 mins at RT. After washing, bound antibody was detected using anti-rabbit IgG JK (FITC-conjugate) antibody (129936) at 2 ug/ml and cells analyzed on a FACSCanto flow-cytometer.



FCM/FACS (Flow Cytometry)
Flow-cytometry using anti-HLA class II antibody F3.3 Human leukocytes were stained with an isotype control or the rabbit-chimeric version of F3.3 at a concentration of 1 ug/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.

ADDITIONAL INFORMATION

Related Product Information for HLA-DR recombinant antibody	Recombinant monoclonal antibody to HLA class II. Manufactured using Recombinant Platform with variable regions (i.e. specificity) from the hybridoma F3.3.
Product Categories/Family for HLA-DR recombinant antibody	Immunology; Infectious disease
References	Elsässer D, Valerius T, Repp R, Weiner GJ, Deo Y, Kalden JR, van de Winkel JG, Stevenson GT,Glennie MJ, Gramatzki M. Blood. 1996 May 1;87(9):3803-12. PMID:8611706

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.