

Rabbit anti-Mouse CD155 Monoclonal Antibody | anti-CD155 antibody

Anti-CD155 [3F1]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72123	Rabbit	Mouse	ELISA, Flow Cytometry, Functional Assay

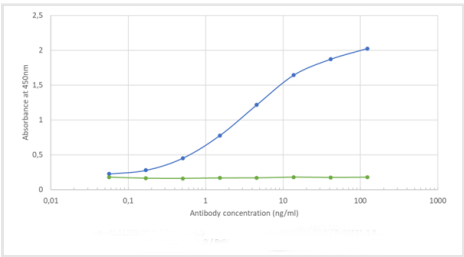
PRODUCT SYNONYMS

CD155; Monoclonal Antibody; Anti-CD155 [3F1]; TAGE 3F1; Poliovirus receptor; cellular receptor for poliovirus; Pvr; Tumor-associated antigen 1; Taa1; Tage4; HVED; anti-CD155 antibody

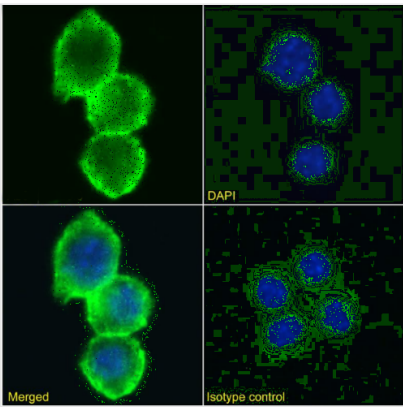
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	3F1
Specificity	This antibody is specific for murine CD155.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD155 antibody	ELISA, FCM/FACS (Flow Cytometry)
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.
PMID	17621371
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

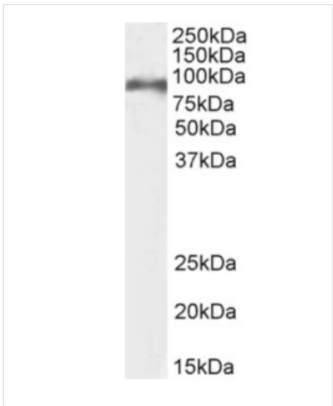
IMAGES



ELISA
Binding curve of anti-CD155 antibody 3F1 () to recombinant mouse CD155 Fc-Fusion Protein. ELISA Plate coated with recombinant mouse CD155 Fc-Fusion Protein at a concentration of 5ug/ml. A 3-fold serial dilution from 10,000 ng/ml was performed using . For detection, a 1:4000 dilution of HRP-labelled anti-rabbit antibody was used.



IF (Immunofluorescence)
Immunofluorescence staining of RAW 264.7 cells using anti-CD155 antibody (AAA72123) 3F1. Immunofluorescence analysis of paraformaldehyde fixed RAW 264.7 cells stained with the chimeric rabbit IgG version of 3F1 () at 10ug/ml followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom , DAPI, merged channels and an isotype control. The isotype control was stained with anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.



WB (Western Blot)
Western Blot using anti-CD155 antibody 3F1 (AAA72123). Mouse thymus lysate (35ug protein in RIPA buffer) was resolved on an SDS PAGE gel and blots probed with the chimeric rabbit IgG version of 3F1 () at 0.1ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-CD155 antibody	Recombinant monoclonal antibody to CD155. Recombinant Platform with variable regions (i.e. specificity) from the hybridoma 3F1. This antibody was raised by immunising rats with recombinant murine CD155, consisting of the entire ectodomain expressed as a HIS-tagged protein.
Product Categories/Family for anti-CD155 antibody	cell-cell adhesion
References	Maier et al. The adhesion receptor CD155 determines the magnitude of humoral immune responses against orally ingested antigens Eur J Immunol. 2007 Aug;37(8):2214-25. Note on publication: Describes the original generation of this antibody, as part of a panel of anti-CD155 antibodies.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28076965
NCBI GeneID	52118
NCBI Accession #	NP_081790.1

NCBI GenBank Nucleotide #	NM_027514.2
UniProt Accession #	Q8K094
Molecular Weight	44,668 Da
NCBI Official Full Name	poliovirus receptor
UniProt Protein Name	Poliovirus receptor
UniProt Gene Name	Pvr
UniProt Synonym Gene Names	D7Erd458e
UniProt Entry Name	Q8K094_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd155-antibody-clone-3f1-flow-cytometry-elisa/72123>