

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

Anti-CD155 [3F1]

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

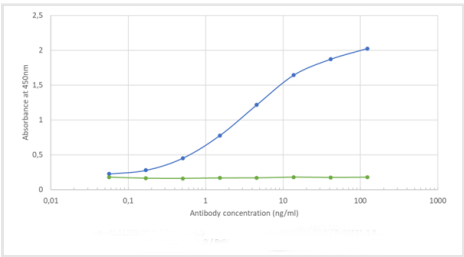
### PRODUCT SYNONYMS

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

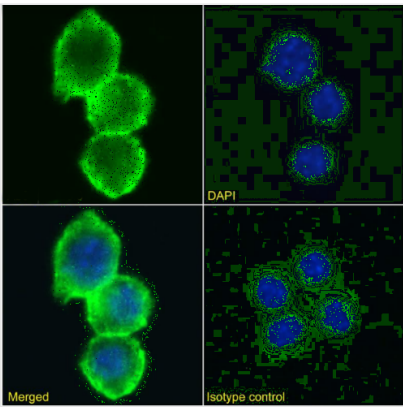
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                        |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.                                                                                         |

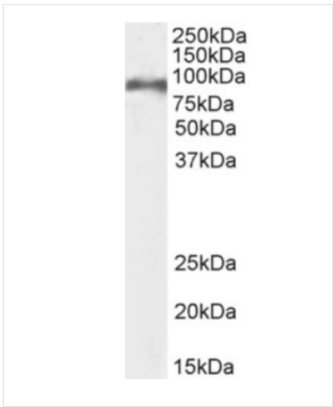
IMAGES



**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.<br>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.<br>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 #           | <a href="#">NP_081790.1</a> |
| NCBI GenBank Nucleotide #  | <a href="#">NM_027514.2</a> |
| UniProt Accession #        | <a href="#">Q8K094</a>      |
| Molecular Weight           | 44,668 Da                   |
| NCBI Official Full Name    | poliovirus receptor         |
| UniProt Protein Name       | Poliovirus receptor         |
| UniProt Gene Name          | <b>Pvr</b>                  |
| UniProt Synonym Gene Names | D7Ert458e                   |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

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