

## LY6G6D recombinant antibody

LY6G6D Recombinant Monoclonal Antibody

| CATALOG # | HOST         | REACTIVITY                             | APPLICATIONS                            |
|-----------|--------------|----------------------------------------|-----------------------------------------|
| AAA28077  | HEK293F Cell | Human, Mouse, Rat, Macaca fascicularis | ELISA, Flow Cytometry, Functional Assay |

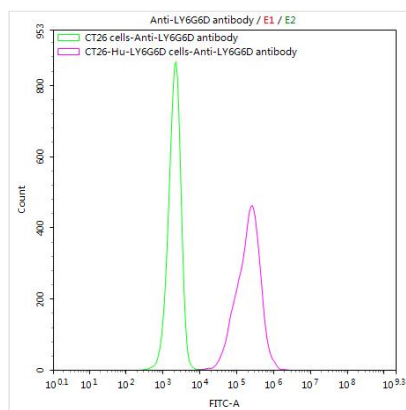
### PRODUCT SYNONYMS

LY6G6D; Monoclonal Recombinant Antibody; LY6G6D Recombinant Monoclonal Antibody; Lymphocyte antigen 6 complex locus protein G6d; Protein Ly6-D; Megakaryocyte-enhanced gene transcript 1 protein; C6orf23; G6D; MEGT1; NG25; LY6G6D recombinant antibody

### PRODUCT SPECIFICATIONS

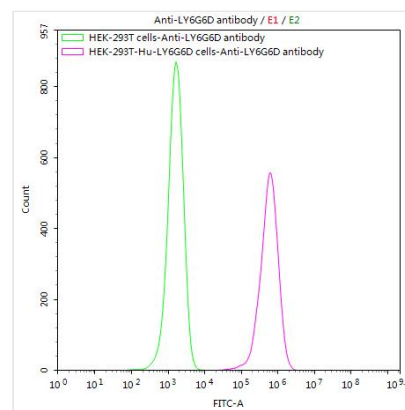
|                                                         |                                                                             |
|---------------------------------------------------------|-----------------------------------------------------------------------------|
| Host                                                    | HEK293F Cell                                                                |
| Reactivity                                              | Human, Mouse, Rat, Macaca fascicularis                                      |
| Clonality                                               | Monoclonal                                                                  |
| Isotype                                                 | hIgG1                                                                       |
| Clone Number                                            | 9H7                                                                         |
| Purity/Purification                                     | Affinity chromatography                                                     |
| Form/Format                                             | Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.                 |
| Applicable Applications for LY6G6D recombinant antibody | ELISA, FCM/FACS (Flow Cytometry)                                            |
| Application Notes                                       | FC/FACS: 1:50-1:200                                                         |
| Antigen Species                                         | Human                                                                       |
| Immunogen                                               | Recombinant Human LY6G6D protein                                            |
| Preparation and Storage                                 | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



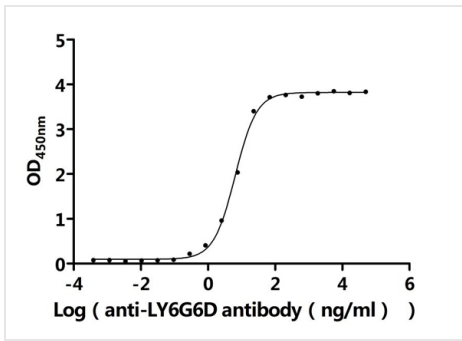
#### FCM (Flow Cytometry)

Untransfected CT26 cells (green line) and transfected Human LY6G6D CT26 stable cells (red line) were stained with anti-LY6G6D antibody (AAA28077) (2ug/1\*10<sup>6</sup>cells), washed and then followed by FITC-conjugated anti-Mouse IgG FC/FACS antibody and analyzed with flow cytometry.



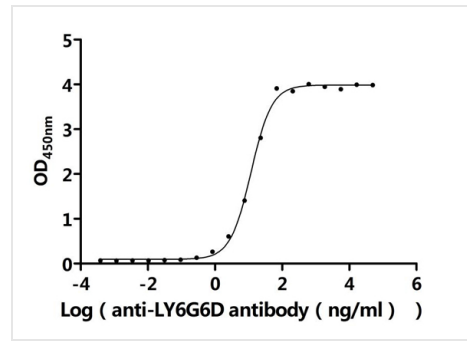
#### FCM (Flow Cytometry)

Untransfected HEK-293T cells (green line) and transfected Human LY6G6D HEK-293T stable cells (red line) were stained with anti-LY6G6D antibody (AAA28077) (2ug/1\*10<sup>6</sup>cells), washed and then followed by FITC-conjugated anti-Mouse IgG FC/FACS antibody and analyzed with flow cytometry.



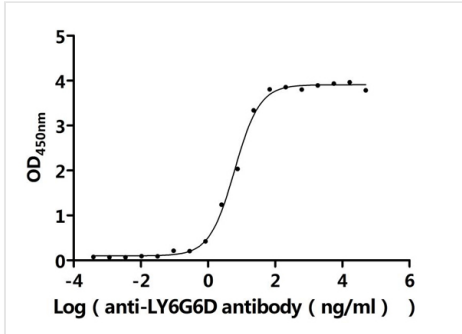
#### Activity

The Binding Activity of Rat LY6G6D with Anti-LY6G6D Recombinant AntibodyActivity: Measured by its binding ability in a functional ELISA. Immobilized Rat LY6G6D at 2ug/mL can bind Anti-LY6G6D recombinant antibody. The EC50 is 5.825-7.131ng/mL.



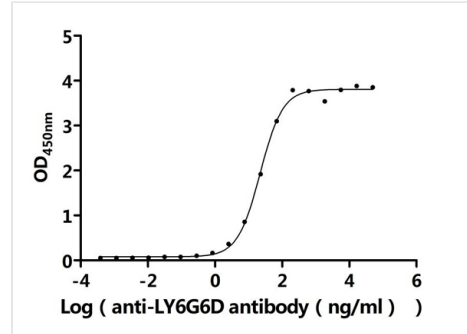
#### Activity

The Binding Activity of Human LY6G6D with Anti-LY6G6D Recombinant AntibodyActivity: Measured by its binding ability in a functional ELISA. Immobilized Human LY6G6D at 2ug/mL can bind Anti-LY6G6D recombinant antibody. The EC50 is 10.57-13.27ng/mL.



#### Activity

The Binding Activity of Mouse LY6G6D with Anti-LY6G6D Recombinant AntibodyActivity: Measured by its binding ability in a functional ELISA. Immobilized Mouse LY6G6D at 2ug/mL can bind Anti-LY6G6D recombinant antibody. The EC50 is 5.347-7.161ng/mL.



#### Activity

The Binding Activity of Macaca fascicularis LY6G6D with Anti-LY6G6D Recombinant AntibodyActivity: Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis LY6G6D at 2ug/mL can bind Anti-LY6G6D recombinant antibody. The EC50 is 19.33-25.47ng/mL.

## ADDITIONAL INFORMATION

Product Categories/Family for LY6G6D recombinant antibody Immunology

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 51243049                                                                                                                                  |
| NCBI GeneID                      | 58530                                                                                                                                     |
| NCBI Accession #                 | NP_067069.2                                                                                                                               |
| NCBI GenBank Nucleotide #        | NM_021246.2                                                                                                                               |
| UniProt Accession #              | O95868; Q4VX50; A2BEY8; B0UXC1; B0V019; B0V1Y6                                                                                            |
| Molecular Weight                 | 13,691 Da                                                                                                                                 |
| NCBI Official Full Name          | lymphocyte antigen 6 complex locus protein G6d                                                                                            |
| NCBI Official Synonym Full Names | lymphocyte antigen 6 complex, locus G6D                                                                                                   |
| NCBI Official Symbol             | LY6G6D                                                                                                                                    |
| NCBI Official Synonym Symbols    | G6D; NG25; LY6-D; MEGT1; C6orf23                                                                                                          |
| NCBI Protein Information         | lymphocyte antigen 6 complex locus protein G6d; protein Ly6-D; lymphocyte antigen-6 G6D; megakaryocyte-enhanced gene transcript 1 protein |
| UniProt Protein Name             | Lymphocyte antigen 6 complex locus protein G6d                                                                                            |

|                            |                                          |
|----------------------------|------------------------------------------|
| UniProt Gene Name          | LY6G6D                                   |
| UniProt Synonym Gene Names | C6orf23; G6D; MEGT1; NG25; Protein Ly6-D |
| UniProt Entry Name         | LY66D_HUMAN                              |

**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/ly6g6d-recombinant-antibody-clone-9h7-flow-cytometry-elisa/28077>