

## GAD65 recombinant antibody

Anti-GAD65 Reference Antibody (U.Washington patent anti-GAD65)

| CATALOG # | HOST     | REACTIVITY | APPLICATIONS                                              |
|-----------|----------|------------|-----------------------------------------------------------|
| AAA297569 | CHO Cell | Human      | Functional Assay, Flow Cytometry, Functional Assay, ELISA |

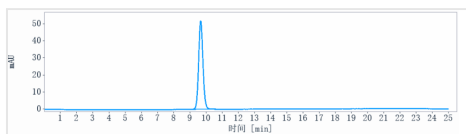
### PRODUCT SYNONYMS

GAD65; Monoclonal Recombinant Antibody; Anti-GAD65 Reference Antibody (U.Washington patent anti-GAD65); GAD65 recombinant antibody

### PRODUCT SPECIFICATIONS

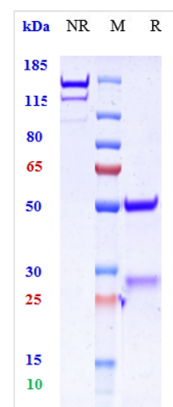
|                                                        |                                                                                                                                                  |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                   | CHO Cell                                                                                                                                         |
| Reactivity                                             | Human                                                                                                                                            |
| Clonality                                              | Monoclonal                                                                                                                                       |
| Isotype                                                | IgG1                                                                                                                                             |
| Specificity                                            | GAD65                                                                                                                                            |
| Form/Format                                            | Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.                 |
| Concentration                                          | 1mg/ml (varies by lot)                                                                                                                           |
| Applicable Applications for GAD65 recombinant antibody | FA (Functional Assay), FCM/FACS (Flow Cytometry), ELISA                                                                                          |
| Endotoxin                                              | < 0.001EU/ug, determined by LAL method.                                                                                                          |
| Conjugation                                            | Unconjugated                                                                                                                                     |
| Dry Ice Note                                           | The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.                                               |
| Preparation and Storage                                | Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles. |

### IMAGES



#### Application Data

The purity of Anti-GAD65 Reference Antibody (U.Washington patent anti-GAD65) is more than 100% ,determined by SEC-HPLC.



#### SDS-PAGE

Anti-GAD65 Reference Antibody (U.Washington patent anti-GAD65) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

ADDITIONAL INFORMATION

|                                                          |                    |
|----------------------------------------------------------|--------------------|
| Product Categories/Family for GAD65 recombinant antibody | Primary Antibodies |
|----------------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4503875                                                                                                                                             |
| NCBI GeneID                      | 2572                                                                                                                                                |
| NCBI Accession #                 | NP_000809.1                                                                                                                                         |
| NCBI GenBank Nucleotide #        | NM_000818.2                                                                                                                                         |
| UniProt Accession #              | Q05329; Q9UD87                                                                                                                                      |
| Molecular Weight                 | 65,411 Da                                                                                                                                           |
| NCBI Official Full Name          | glutamate decarboxylase 2                                                                                                                           |
| NCBI Official Synonym Full Names | glutamate decarboxylase 2 (pancreatic islets and brain, 65kDa)                                                                                      |
| NCBI Official Symbol             | GAD2                                                                                                                                                |
| NCBI Official Synonym Symbols    | GAD65                                                                                                                                               |
| NCBI Protein Information         | glutamate decarboxylase 2; GAD-65; 65 kDa glutamic acid decarboxylase; Glutamate decarboxylase-2 (pancreas); glutamate decarboxylase 65 kDa isoform |
| UniProt Protein Name             | Glutamate decarboxylase 2                                                                                                                           |
| UniProt Gene Name                | GAD2                                                                                                                                                |
| UniProt Synonym Gene Names       | GAD65; GAD-65                                                                                                                                       |
| UniProt Entry Name               | DCE2_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/gad65-recombinant-antibody-functional-assay-flow-cytometry-elisa/297569>