

## GJB2 recombinant antibody

GJB2 Recombinant Monoclonal Antibody

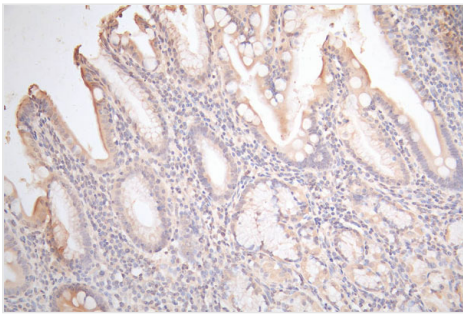
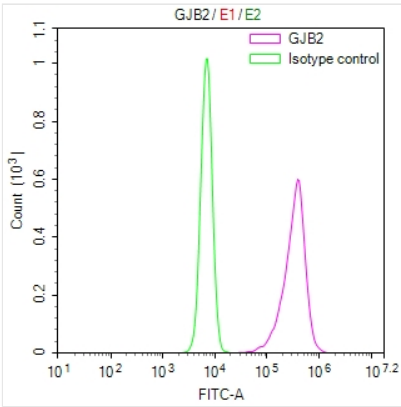
| CATALOG # | HOST         | REACTIVITY | APPLICATIONS                                                  |
|-----------|--------------|------------|---------------------------------------------------------------|
| AAA279167 | HEK293F Cell | Human      | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA |

### PRODUCT SYNONYMS

GJB2; Monoclonal Recombinant Antibody; GJB2 Recombinant Monoclonal Antibody; connexin 26; Connexin-26; Cx26; CXB2\_HUMAN; DFNA3; DFNB1; Gap junction beta-2 protein; HID; KID; NSRD1; PPK; GJB2 recombinant antibody

### PRODUCT SPECIFICATIONS

|                                                       |                                                                             |
|-------------------------------------------------------|-----------------------------------------------------------------------------|
| Host                                                  | HEK293F Cell                                                                |
| Reactivity                                            | Human                                                                       |
| Clonality                                             | Monoclonal                                                                  |
| Isotype                                               | Mouse IgG                                                                   |
| Clone Number                                          | 24F5                                                                        |
| Purity/Purification                                   | Affinity purified                                                           |
| Form/Format                                           | Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.                 |
| Applicable Applications for GJB2 recombinant antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA                |
| Immunogen Species                                     | Human                                                                       |
| Immunogen                                             | Recombinant Human GJB2 protein                                              |
| Conjugation                                           | Non-conjugated                                                              |
| Research Area                                         | Neuroscience; Signal transduction                                           |
| Preparation and Storage                               | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze. |



**IHC (Immunohistochemistry)**  
IHC image of AAA279167 diluted at 1:100 and staining in paraffin-embedded human gastric cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.

**FCM/FACS (Flow Cytometry)**  
Overlay Peak curve showing JK cells stained with AAA279167 (red line) at 1:100. Then 10% normal goat serum was incubated to block non-specific protein-protein interactions followed by the antibody (1ug/1\*10<sup>6</sup>cells) for 45 min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/200 dilution for 35 min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1ug/1\*10<sup>6</sup>cells) used under the same conditions. Acquisition of >10,002 events was performed.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| NCBI GI #                        | 19401867                                                                               |
| NCBI GeneID                      | 2706                                                                                   |
| UniProt Accession #              | P29033; Q508A5; Q508A6; Q5YLL0; Q5YLL1; Q5YLL4; Q6IPV5; Q86U88; Q96AK0; Q9H536; Q9NNY4 |
| Molecular Weight                 | 26,215 Da                                                                              |
| NCBI Official Full Name          | connexin 26                                                                            |
| NCBI Official Synonym Full Names | gap junction protein, beta 2, 26kDa                                                    |
| NCBI Official Symbol             | GJB2                                                                                   |
| NCBI Official Synonym Symbols    | HID; KID; PPK; CX26; DFNA3; DFNB1; NSRD1; DFNA3A; DFNB1A                               |
| NCBI Protein Information         | gap junction beta-2 protein; connexin 26; gap junction protein beta 2                  |
| UniProt Protein Name             | Gap junction beta-2 protein                                                            |
| UniProt Gene Name                | GJB2                                                                                   |
| UniProt Synonym Gene Names       | Cx26                                                                                   |
| UniProt Entry Name               | CXB2_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/gjb2-recombinant-antibody-clone-24f5-flow-cytometry-immunohistochemistry-elisa/279167>