

## 36-3665: Anti-CD79b (B-Cell Marker) Monoclonal Antibody(Clone: IGB/3170R)

|                                |   |
|--------------------------------|---|
| <b>Clonality :</b>             | Monoclonal  |
| <b>Clone Name :</b>            | IGB/3170R   |
| <b>Application :</b>           | ELISA,IHC   |
| <b>Reactivity :</b>            | Human   |
| <b>Gene :</b>                  | CD79B   |
| <b>Gene ID :</b>               | 974   |
| <b>Uniprot ID :</b>            | P40259  |
| <b>Alternative Name :</b>      | AGM6; B-cell antigen receptor complex-associated protein beta chain; B-cell-specific glycoprotein B29; B29; B29/Ig-beta/CD79b; CD79b; Ig-beta; IGB; Immunoglobulin-associated B29 protein |
| <b>Isotype :</b>               | Rabbit IgG  |
| <b>Immunogen Information :</b> | Recombinant human CD79b protein fragment (around aa 29-159) (exact sequence is proprietary)   |

### Description

CD79 (also designated Ig chains, designated CD79B or B29). The B cell antigen receptor complex (BCR) is formed by the association of CD79 with a membrane immunoglobulin, such as IgM or IgD. The membrane immunoglobulins IgM and IgD achieve surface expression and antigen presentation function in response to CD79 association. The cytoplasmic tails of both CD79A and CD79B contain an ITAM (immuno-receptor tyrosine-based activation) motif, which acts to initiate the BCR signaling reactions by binding to and activating tyrosine kinases.

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 20 µg / 100 µg  |
| <b>Content :</b>           | 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml. |
| <b>Storage condition :</b> | Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.                               |

### Application Note

ELISA (Use Ab at 2-4ug/ml for coating) (Order Ab without BSA); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);

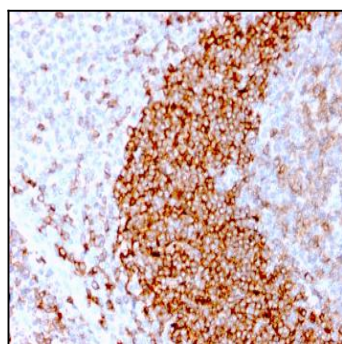


Fig. 1: Formalin-fixed, paraffin-embedded human Tonsil stained with CD79b Recombinant Rabbit Monoclonal Antibody (IGB/3170R).

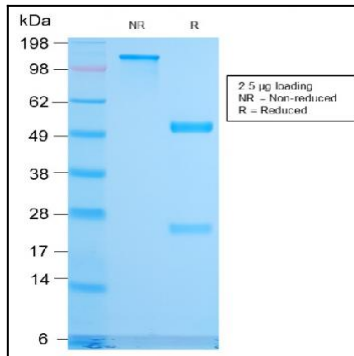


Fig. 2: SDS-PAGE Analysis Purified CD79b Recombinant Rabbit Monoclonal Antibody (IGB/3170R). Confirmation of Purity and Integrity of Antibody.