

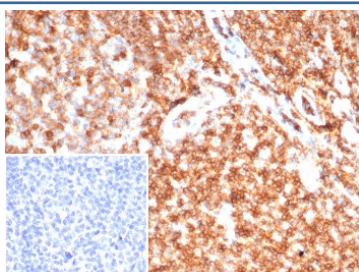
## CD45 Antibody [clone rPTPRC/7275] (V4770)

| Catalog No.    | Formulation                                                             | Size   |
|----------------|-------------------------------------------------------------------------|--------|
| V4770-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4770-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug  |
| V4770SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                          | 100 ug |

Recombinant **MOUSE MONOCLONAL**

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|                    |                                                         |
|--------------------|---------------------------------------------------------|
| Availability       | 1-3 business days                                       |
| Species Reactivity | Human                                                   |
| Format             | Purified                                                |
| Clonality          | Recombinant Mouse Monoclonal                            |
| Isotype            | Mouse IgG1, kappa                                       |
| Clone Name         | rPTPRC/7275                                             |
| Purity             | Protein A/G affinity                                    |
| UniProt            | P08575                                                  |
| Localization       | Cell surface, Cytoplasm                                 |
| Applications       | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT |
| Limitations        | This CD45 antibody is available for research use only.  |



IHC staining of FFPE human tonsil tissue with CD45 antibody (clone rPTPRC/7275). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

### Description

CD45R, also designated CD45 and PTPRC, has been identified as a transmembrane glycoprotein, broadly expressed among hematopoietic cells.

### Application Notes

Optimal dilution of the CD45 antibody should be determined by the researcher.

### **Immunogen**

A recombinant fragment of human PTPRC protein was used as the immunogen for the CD45 antibody.

### **Storage**

Aliquot the CD45 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.