

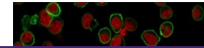
---

## Product Datasheet

### CD45 Antibody (Leukocyte marker) (orb749435)

**Description**

CD45, also referred to as CD45R and PTPRC (Protein


**Species/Host**

Mouse

**Reactivity**

Human

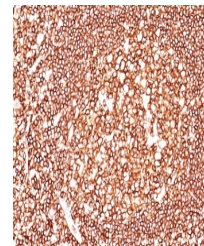
**Conjugation**

Unconjugated

**Tested Applications**

FACS, IF, IHC-P

Immunofluorescent staining of PFA-fixed ...



IHC staining of FFPE human tonsil tissue...

**Immunogen**

Stimulated human leukocytes were used as the immunogen for the CD45 antibody.

**Preservatives**

0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin (US sourced) and 0.05% sodium azide

**Storage**

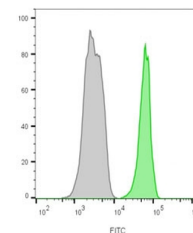
CD45 antibody (with azide) can be stored at 2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.

**Note**

For research use only

**Application notes**

Due to variation in protocol and secondary antibody used, the CD45 antibody may need to be titered for optimal performance.1. FFPE staining requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.



Flow cytometry testing of lymphocyte-gat...

**Formula**

0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide

**Isotype**

Mouse IgG2b, kappa

**Clonality**

Monoclonal

**Purity**

Protein G affinity chromatography

**Uniprot ID**

**P08575**

**Hazard Information**

This CD45 antibody is available for research use only.

**Dilution Range**

Flow cytometry: 1-2ug/million cells, Immunofluorescence: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT

**Expiration Date**

12 months from date of receipt.