

Product Datasheet

CD45 Antibody (Leukocyte marker) (orb749385)

Description

CD45, also referred to as CD45R and PTPRC (Protein

Species/Host

Mouse

Reactivity

Human

Conjugation

Unconjugated

Tested

FACS, IF, IHC-P

Applications

Immunogen

Isolated neoplastic cells

Preservatives

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

Storage

Store the CD45 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

Note

For research use only

Application notes

Due to variation in protocol and secondary antibody used, the CD45 antibody may need to be titrated for optimal performance.1. FFPE staining requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA 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.

Formula

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

Isotype

Mouse IgG1, kappa

Clonality

Monoclonal

Purity

Protein G affinity chromatography

Hazard

Information

This CD45 antibody is available for research use only.

Entrez

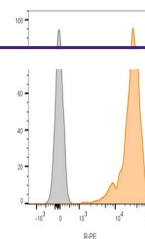
5788

Dilution Range

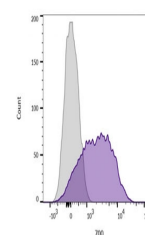
Flow cytometry: 1-2ug/million cells, Immunofluorescence: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT

Expiration Date

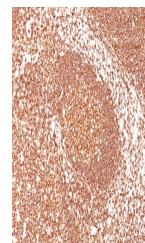
12 months from date of receipt.



Flow cytometry testing of lymphocyte-gat...



Flow cytometry testing of live Jurkat ce...



IHC: FFPE human tonsil (10X) stained wit...