

## Product Datasheet

### CD45/PTPRC Antibody (orb196266)

## Description

CD45/PTPRC Antibody

### Species/Host

Rabbit

### Reactivity

Human

### Conjugation

Unconjugated

### Tested

FC, IF, IHC, WB

### Applications

### Immunogen

E.coli-derived human CD45 recombinant protein (Position: R1113-S1304). Human CD45 shares 68% amino acid (aa) sequence identity with both mouse and rat CD45.

### Form/Appearance

Lyophilized

### Concentration

Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.

### Storage

Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

### Note

For research use only

### Application notes

WB: The detection limit for CD45 is approximately 0.25ng/lane under reducing conditions. Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested. Optimal dilutions should be determined by end users. . Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

### Isotype

Rabbit IgG

### Clonality

Polyclonal

### MW

147254 MW

### Uniprot ID

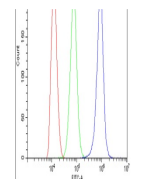
**P08575**

### Dilution Range

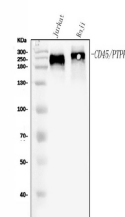
Western blot, 0.1-0.5µg/ml, Human Immunohistochemistry (Paraffin-embedded Section), 0.5-1µg/ml, Human, By Heat Immunofluorescence, 2µg/ml, Human Flow Cytometry, 1-3µg/1x10<sup>6</sup> cells, Human

### Expiration Date

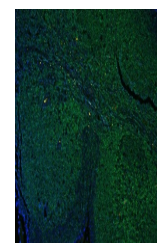
12 months from date of receipt.



Flow Cytometry analysis of THP-1 cells u...



WB analysis of CD45 using anti-CD45 anti...



IF analysis of CD45 using anti-CD45 anti...