

## Product Datasheet

### CD44 antigen CD44 Antibody (orb443085)

## Description

CD44 antigen CD44 Antibody

### Species/Host

Rabbit

### Reactivity

Human, Rat

### Conjugation

Unconjugated

### Tested

FC, IHC, WB

### Applications

### Immunogen

A synthetic peptide corresponding to a sequence at the C-terminus of human CD44 (728-742aa DETRNQLQNVDKIGV), different from the related mouse and rat sequences by one amino acid.

### 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

Tested Species: In-house tested species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. 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

81538 MW

### Uniprot ID

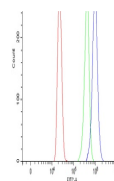
**P16070**

### Dilution Range

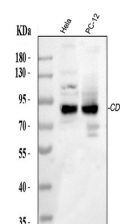
Western blot, 0.1-0.5µg/ml, Human, Rat  
Immunohistochemistry (Paraffin-embedded Section), 2-5µg/ml, Human, Rat, By Heat Flow Cytometry, 1-3 µg/1x10<sup>6</sup> cells, Human

### Expiration Date

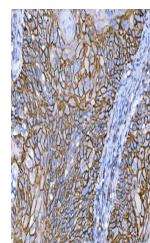
12 months from date of receipt.



Flow  
Cytometry  
analysis of  
HL-60 cells  
U...



WB analysis  
of CD44  
using anti-  
CD44 anti...



IHC analysis  
of CD44  
using anti-  
CD44 ant...