

## Product Datasheet

### IP3 receptor/ITPR1 Antibody (orb215979)

## Description

IP3 receptor/ITPR1 Antibody

### Species/Host

Rabbit

### Reactivity

Human, Mouse, Rat

### Conjugation

Unconjugated

### Tested Applications

FC, ICC, IF, IHC, WB

### Immunogen

E.coli-derived human IP3 receptor recombinant protein (Position: A2411-A2758). Human IP3 receptor shares 98% and 97% amino acid (aa) sequences identity with mouse and rat IP3 receptor, respectively.

### 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 IP3 receptor is approximately 0.2ng/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

313929 MW

### Uniprot ID

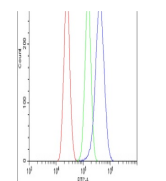
[Q14643](#)

### Dilution Range

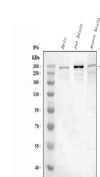
Western blot, 0.1-0.5µg/ml, Human, Rat  
Immunohistochemistry (Paraffin-embedded Section), 0.5-1µg/ml, Human, Mouse, Rat, By Heat  
Immunocytochemistry/Immunofluorescence, 2µg/ml, Human  
Flow Cytometry, 1-3µg/1x10<sup>6</sup> cells, Human

### Expiration Date

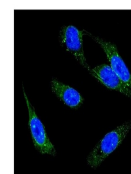
12 months from date of receipt.



Flow Cytometry analysis of U87 cells using anti-IP3 receptor antibody



WB analysis of IP3 receptor using anti-IP3 receptor antibody



IF analysis of IP3 receptor using anti-IP3 receptor antibody