

## Product Datasheet

### CD31 antibody (orb750532)

**Description**

CD31 antibody

**Species/Host**

Rabbit

**Reactivity**

Human, Mouse

**Conjugation**

Unconjugated

**Tested**

ELISA, IHC, WB

**Applications**
**Immunogen**

This antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to the C-terminal domain of rat CD31 protein.

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

90 mg/mL

**Storage**

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Note**

For research use only

**Application notes**

CD31 antibody has been tested for use in ELISA, immunohistochemistry, and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 80 kDa in size corresponding to CD31 protein by western blotting in the appropriate stimulated tissue or cell lysate or extract.

**Isotype**

IgG

**Clonality**

Polyclonal

**Purity**

CD31 PECAM1 antibody is directed against rat CD31 protein. The product is delipidated and defibrinated antiserum. A BLAST analysis was used to suggest cross-reactivity with CD31 from rat, human, and mouse based on a 100% homology with the immunizing sequence. Reactivity against homologues from other sources is not known.

**Uniprot ID**
**Q3SWT0**

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