

## Product Datasheet

### CD31 Rabbit Polyclonal Antibody (orb315808)

|                             |  |
|-----------------------------|--|
| <b>Catalog Number</b>       | orb315808  |
| <b>Category</b>             | Antibodies   |
| <b>Description</b>          | The CD31 Antibody is suitable for WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CD31. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography. |
| <b>Target</b>               | PECAM1   |
| <b>Clonality</b>            | Polyclonal   |
| <b>Species/Host</b>         | Rabbit   |
| <b>Conjugation</b>          | Unconjugated   |
| <b>Reactivity</b>           | Human, Mouse, Rat  |
| <b>Form/Appearance</b>      | Liquid   |
| <b>Buffer/Preservatives</b> | 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.  |
| <b>Purification</b>         | The antibody was purified by immunogen affinity chromatography.  |
| <b>Immunogen</b>            | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CD31. The exact sequence is proprietary.  |
| <b>UniProt ID</b>           | <b>Q08481, P16284, Q3SWT0</b>  |
| <b>Tested applications</b>  | WB   |
| <b>Dilution range</b>       | WB: 1-500:1000   |

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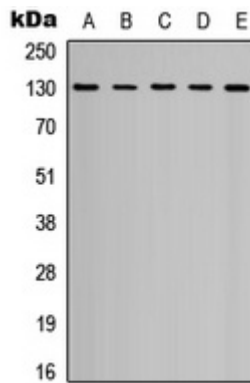
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|                        |   |
|------------------------|---|
| <b>Specificity</b>     | Recognizes endogenous levels of CD31 protein.   |
| <b>Antibody Type</b>   | Primary Antibody  |
| <b>Storage</b>         | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>            | For research use only   |
| <b>Entrez</b>          | <b>29583, 18613, 5175</b>   |
| <b>Expiration Date</b> | 12 months from date of receipt.   |



Western blot analysis of CD31 expression in HeLa (A), K562 (B), mouse brain (C), PC12 (D), rat muscle (E) whole cell lysates. (Predicted band size: 82 kD; Observed band size: 130 kD)

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