

## Product Datasheet

### Anti-CD31/PECAM1 Antibody Picoband (monoclonal, 2D4) (orb2606816)

<b>Description</b>	Anti-CD31/PECAM1 Antibody (monoclonal, 2D4). Tested in IHC, IHC-F, WB applications. This antibody reacts with Human.
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Conjugation</b>	HRP
<b>Tested Applications</b>	IHC, IHC-Fr, WB
<b>Immunogen</b>	E.coli-derived human CD31 recombinant protein (Position: Q28-G382). Human CD31 shares 65% and 68% amino acid (aa) sequences identity with mouse and rat CD31, respectively.
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Application notes</b>	Western blot, 0.1-0.5µg/ml, Human Immunohistochemistry (Paraffin-embedded Section), 0.5-1µg/ml, Human Immunohistochemistry (Frozen Section), 0.5-1µg/ml, Human. Add 0.2ml of distilled water will yield a concentration of 500ug/ml
<b>Isotype</b>	Mouse IgG2b
<b>Clonality</b>	Monoclonal
<b>Clone Number</b>	2D4

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<b>MW</b>	130 kDa
<b>Uniprot ID</b>	<b>P16284</b>
<b>Expiration Date</b>	12 months from date of receipt.

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