

Product Datasheet

Anti-CD31 Antibody (orb705400)

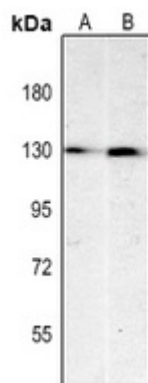
Description	Mouse monoclonal antibody to CD31
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	IH, WB
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human CD31. The exact sequence is proprietary.
Target	PECAM1
Preservatives	Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% rAlbumin and 0.01% sodium azide.
Form/Appearance	Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% rAlbumin and 0.01% sodium azide.
Storage	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.
Note	For research use only
Clonality	Monoclonal
Source	Mouse
Uniprot ID	P16284
Entrez	5175
Dilution Range	WB: 1:500-1:1000, IHC-P: 1:100-1:300
Expiration Date	12 months from date of receipt.

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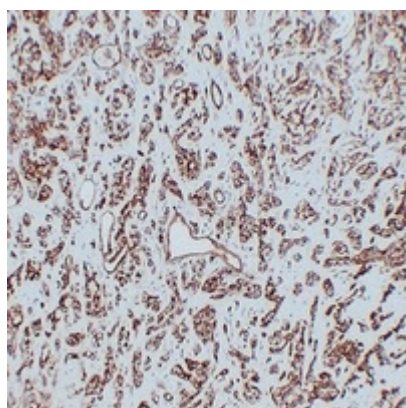
7 Signet Court, Swann's Road,
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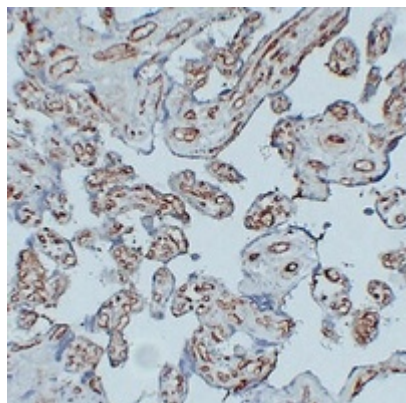
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Western blot analysis of CD31 expression in MDAMB231 (A), HeLa (B) whole cell lysates. (Predicted band size: 82 kD; Observed band size: 130 kD)



Immunohistochemical analysis of CD31 staining in human hemangioendothelioma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



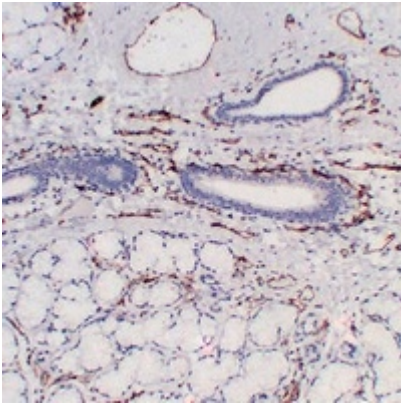
Immunohistochemical analysis of CD31 staining in human placenta formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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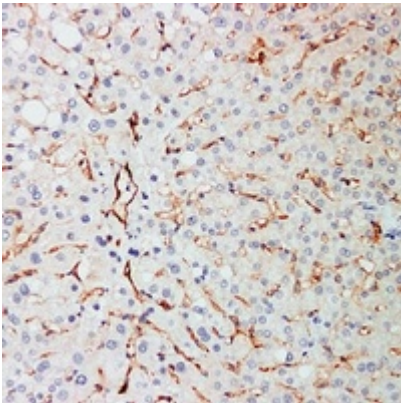
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Immunohistochemical analysis of CD31 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunohistochemical analysis of CD31 staining in human liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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