

## CD31 Monoclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-MCA0296
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human CD31 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Alpha-type platelet-derived growth factor receptor
Synonyms	PECAM1; Platelet endothelial cell adhesion molecule; PECAM-1; EndoCAM; GPIIA'; PECA1; CD antigen CD31

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The protein encoded by this gene is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions. The encoded protein is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation.

### Recommended Dilution

ELISA: 1:10000

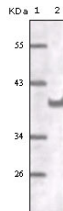
IF: 1:200 - 1:1000

IHC: 1:200 - 1:1000

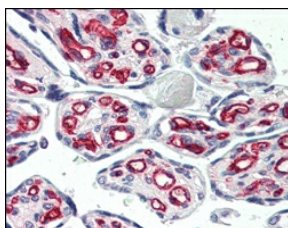
WB: 1:500 - 1:2000

Not yet tested in other applications.

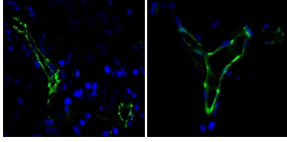
### Images



Western Blot analysis using CD31 Monoclonal antibody against truncated CD31 recombinant protein.



Immunohistochemistry analysis of paraffin-embedded human placenta tissues with AEC staining using CD31 Monoclonal antibody.



Immunofluorescence analysis of paraffin-embedded human lung cancer(left) and breast cancer(right) cells using CD31 Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye.

### Storage

-20°C for one year

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