



# ET-1 Monoclonal Antibody

<b>Catalog No</b>	BYmab-15988
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	EDN1
<b>Protein Name</b>	Endothelin-1
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human EDN1. AA range:131-180
<b>Specificity</b>	ET-1 Monoclonal Antibody detects endogenous levels of ET-1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	EDN1; Endothelin-1; Preproendothelin-1; PPET1
<b>Observed Band</b>	25kD
<b>Cell Pathway</b>	Secreted.
<b>Tissue Specificity</b>	Expressed in lung, placental stem villi vessels and in cultured placental vascular smooth muscle cells.
<b>Function</b>	function:Endothelins are endothelium-derived vasoconstrictor peptides.,online information:Endothelin entry,similarity:Belongs to the endothelin/sarafotoxin family.,tissue specificity:Expressed in lung, placental stem villi vessels and in cultured placental vascular smooth muscle cells.,
<b>Background</b>	This gene encodes a preproprotein that is proteolytically processed to generate a secreted peptide that belongs to the endothelin/sarafotoxin family. This peptide is a potent vasoconstrictor and its cognate receptors are therapeutic targets in the treatment of pulmonary arterial hypertension. Aberrant expression of this gene may promote tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015],

**Nanjing BYabscience technology Co.,Ltd**



**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using ET-1 Monoclonal Antibody

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