

Product datasheet for **BM113**

Endothelin 1 (EDN1) Rat Monoclonal Antibody [Clone ID: 3G10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3G10
Applications:	IHC, R
Recommended Dilution:	RIA / IRMA. Immunohistochemistry on frozen sections: Frozen sections processed with dry acetone are recommended. Paraformaldehyde is not recommended as it destroys the epitope.
Reactivity:	Human
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Synthetic human endothelin-C terminal fragment, conjugated to BSA
Specificity:	Reacts with the C-terminal of endothelins 1, 2 and 3. 3G10 does not react with the endothelin precursor molecule, big endothelin.
Formulation:	PBS, containing 0.09% sodium azide State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	endothelin 1
Database Link:	Entrez Gene 1906 Human P05305

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Background:	Endothelins are potent vasoconstrictors and critical components in the progression of pulmonary arterial hypertension a devastating and rapidly progressive condition that leads to right ventricular strain and dysfunction.
Synonyms:	ET-3, Preproendothelin-3, PPET3, Preproendothelin-1, Big endothelin-1, Endothelin1, PPET1, EDN1, EDN2, Endothelin-2, ET-2, Preproendothelin-2, PPET2
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Melanogenesis