



# Anti-EDN1 monoclonal antibody, clone 3G10 (CABT-47606RH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	This product Reacts with the C terminal of endothelins 1, 2 and 3. 3G10 does not react with the endothelin precursor molecule, big endothelin. The 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. Immunohistology Frozen sections processed with dry acetone are recommended. Paraformaldehyde is not recommended as it destroys the epitope.
<b>Specificity</b>	EDN1
<b>Immunogen</b>	Synthetic peptide corresponding to the c-terminal region of human endothelin (C,H,L,D,I,I,W), conjugated to BSA.
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Human
<b>Clone</b>	3G10
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr; IRMA
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	100 µg
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid

repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

## GENE INFORMATION

Gene Name	<a href="#">EDN1 endothelin 1 [ Homo sapiens (human) ]</a>
Official Symbol	EDN1
Synonyms	EDN1; endothelin 1; ET1; QME; PPET1; ARCND3; HDLCQ7; endothelin-1; preproendothelin-1;
Entrez Gene ID	<a href="#">1906</a>
Protein Refseq	<a href="#">NP_001161791</a>
UniProt ID	P20800
Chromosome Location	6p24.1
Pathway	Class A/1 (Rhodopsin-like receptors); Defective ACTH causes Obesity and Pro-opiomelanocortin deficiency (POMCD); Disease; EGFR-dependent Endothelin signaling events; Endothelin; Endothelins; G alpha (q) signalling events; GPCR downstream signaling;
Function	cytokine activity; endothelin A receptor binding; endothelin B receptor binding; hormone activity; protein binding;