



# Mouse anti-Human EDN2 monoclonal antibody, clone 4C52D6 (CABT-B10162)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	EDN2 (AAH34393, 1 a.a. ~ 179 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	4C52D6
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,ELISA
<b>Sequence Similarities</b>	MVSVPTTWCSVALALLVALHEGKGQAAATLEQPASSSHAQGTHLRLRRCSCSSWLDKECV YFCHLDIIWVNTPEQTAPYGLGNPPRRRRSLPRRCQCSSARDPACATFCLRRPWTEAGA VPSRKSPADVFQTGKTGATTGELLQRLRDISTVKSLFAKRQQEAMREPRSTHSRWRKR*
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	This gene encodes a member of the endothelin protein family of secretory vasoconstrictive
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peptides. The preproprotein is processed to a short mature form which functions as a ligand for the endothelin receptors that initiate intracellular signaling events. This gene product is involved in a wide range of biological processes, such as hypertension and ovulation. Altered expression of this gene is implicated in tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]

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<b>Keywords</b>	EDN2; endothelin 2; ET2; ET-2; PPET2; endothelin-2; preproendothelin 2;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">1907</a>
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<b>UniProt ID</b>	<a href="#">P20800</a>
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<b>Pathway</b>	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Direct p53 effectors, organism-specific biosystem; Endothelins, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem
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<b>Function</b>	endothelin B receptor binding; hormone activity
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