



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

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

BACKGROUND

Introduction	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]

Keywords EDN2; endothelin 2; ET2; ET-2; PPET2; endothelin-2; preproendothelin 2;

GENE INFORMATION

Entrez Gene ID	1907
UniProt ID	P20800
Pathway	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
Function	endothelin B receptor binding; hormone activity
