Best Tools for immunology Research

Cripto Monoclonal Antibody

Catalog No :	YM0165
Reactivity :	Human
Applications :	WB;ELISA
Target :	Cripto
Gene Name :	TDGF1
Protein Name :	Teratocarcinoma-derived growth factor 1
Human Gene Id :	6997
Human Swiss Prot No :	P13385
Mouse Swiss Prot No :	P51865
Immunogen :	Purified recombinant fragment of human Cripto expressed in E. Coli.
Specificity :	Cripto Monoclonal Antibody detects endogenous levels of Cripto protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	Affinity purification
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	21kD
P References :	1. Histopathology. 2008 Apr;52(5):560-8. 2. J Biol Chem. 2008 Feb 22;283(8):4490-500.

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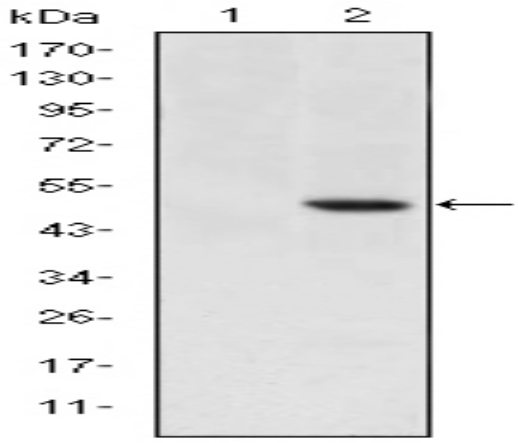
Background : This gene encodes an epidermal growth factor-related protein that contains a cripto, FRL-1, and cryptic domain. The encoded protein is an extracellular, membrane-bound signaling protein that plays an essential role in embryonic development and tumor growth. Mutations in this gene are associated with forebrain defects. Pseudogenes of this gene are found on chromosomes 2, 3, 6, 8, 19 and X. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010],

Function : function:Could play a role in the determination of the epiblastic cells that subsequently give rise to the mesoderm.,similarity:Contains 1 EGF-like domain.,tissue specificity:Preferentially expressed in gastric and colorectal carcinomas than in their normal counterparts.,

Subcellular Location : Cell membrane ; Lipid-anchor, GPI-anchor . Secreted . Released from the cell membrane by GPI cleavage. .

Expression : Preferentially expressed in gastric and colorectal carcinomas than in their normal counterparts. Expressed in breast and lung.

Products Images



Western Blot analysis using Cripto Monoclonal Antibody against HEK293 (1) and TDGF1-hIgGFc transfected HEK293 (2) cell lysate.