

Anti-Cripto1 Rabbit Monoclonal Antibody

Catalog # ABO15610

Product Information

Application	WB, IF, ICC, IP, FC
Primary Accession	P13385
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-Cripto1 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human.

Additional Information

Gene ID	6997
Other Names	Protein Cripto, Cripto, EGF-CFC family member {ECO:0000312 HGNC:HGNC:11701}, Cripto-1 growth factor, CRGF, Epidermal growth factor-like cripto protein CR1, Teratocarcinoma-derived growth factor 1, CRIPTO {ECO:0000303 PubMed:2792079, ECO:0000312 HGNC:HGNC:11701}
Calculated MW	21169
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 21T86
Immunogen	A synthesized peptide derived from human Cripto1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	CRIPTO {ECO:0000303 PubMed:2792079,
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Function

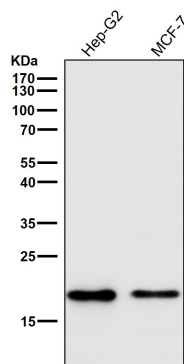
GPI-anchored cell membrane protein involved in Nodal signaling. Cell-associated CRIPTO acts as a Nodal coreceptor in cis. Shedding of CRIPTO by TMEM8A modulates Nodal signaling by allowing soluble CRIPTO to act as a Nodal coreceptor on other cells (PubMed:[27881714](#)). Could play a role in the determination of the epiblastic cells that subsequently give rise to the mesoderm (PubMed:[11909953](#)).

Cellular Location

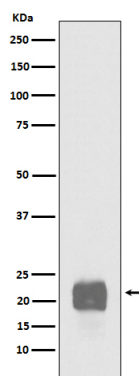
Cell membrane; Lipid-anchor, GPI-anchor. Secreted. Note=Released from the cell membrane by GPI cleavage.

Tissue Location

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

Images

All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of Cripto1 expression in NCCIT cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.