



20150116ML

Anti-Mouse Cryptic (#1M10)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	103-M350
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat) immunized with mouse recombinant protein of Cryptic.

Target Background

Synonyms (Target):	Cfc1; cryptic; AV265756
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Cryptic, also known as CriptoFRL1Cryptic (CFC-1), was originally identified as a secreted protein that is specifically expressed during mesoderm differentiation. Cryptic, along with Cripto, Xenopus FRL-1 and zebrafish OEP (one-eyed pinhead) define the epidermal growth factor-CriptoFRL1Cryptic (EGF-CFC) family of signaling proteins. Genetic evidence from mice and humans points to a role for cryptic in determining left-right asymmetry.

Database References Target

Protein RefSeq:	NP_031711.1
Uniprot ID:	P97766
mRNA RefSeq:	NM_007685.2

Product Specifications

Host	Rat
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#1M10)
Isotype	IgG2
Purification	Protein G/A chromatography
Antigen	recombinant protein of Cryptic
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody detects specifically mouse Cryptic with WB.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!