



20150116ML

# Anti-Human Cryptic (#8D12)

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

<b>Cat.-no.:</b>	<b>101-M344</b>
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 mouse) immunized with human recombinant Cryptic.

## Target Background

<b>Synonyms (Target):</b>	Cfc1; HTX2; CFC1B; DTGA2; CRYPTIC
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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

<b>Protein RefSeq:</b>	NP_115934.1
<b>Uniprot ID:</b>	P0CG37
<b>mRNA RefSeq:</b>	NM_032545.2

## Product Specifications

<b>Host</b>	Mouse
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#8D12)
<b>Isotype</b>	IgG1
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	human recombinant Cryptic
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	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 was selected for its ability to detect human Cryptic.

**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!**