

# CDON monoclonal antibody (M03), clone 2G12

Catalog # H00050937-M03

Size 100 ug

## Applications



Western Blot detection against Immunogen (37.73 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant CDON.
<b>Immunogen</b>	CDON (NP_058648, 1155 a.a. ~ 1263 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	VKVPVCLTSAVPDCGQLPEESVKDNVEPVPTQRTCCQDIVNDVSSDGSEDPAEFSRGDSCAHS ETEINVSWNALILPPVPEGCAEKTMTWSPPGIPLDSPTEVLQQPRE
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (80); Rat (79)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — CDON

Entrez GeneID [50937](#)

GeneBank Accession# [NM\\_016952](#)

Protein Accession# [NP\\_058648](#)

Gene Name CDON

Gene Alias CDO, MGC111524, ORCAM

Gene Description Cdon homolog (mouse)

Omim ID [608707](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** CDON and BOC (MIM 608708) are cell surface receptors of the immunoglobulin (Ig)/fibronectin type III (FNIII; see MIM 135600) repeat family involved in myogenic differentiation. CDON and BOC are coexpressed during development, form complexes with each other in a cis fashion, and are related to each other in their ectodomains, but each has a unique long cytoplasmic tail.[supplied by OMIM]

**Other Designations** cell adhesion molecule-related/down-regulated by oncogenes|surface glycoprotein, Ig superfamily member

## Disease

- [Tobacco Use Disorder](#)