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anti-CDON antibody (AA 101-200) (Cy7)



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Binding Specificity: AA 101-200 Reactivity: Human Host: Rabbit Clonality: Polyclonal Conjugate: This CDON antibody is conjugated to Cy7 Application: Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-e	Quantity:	100 μL
Reactivity: Human Host: Rabbit Clonality: Polyclonal Conjugate: This CDON antibody is conjugated to Cy7 Application: Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-e	Target:	CDON
Host: Rabbit Clonality: Polyclonal Conjugate: This CDON antibody is conjugated to Cy7 Application: Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-e	Binding Specificity:	AA 101-200
Clonality: Polyclonal Conjugate: This CDON antibody is conjugated to Cy7 Application: Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-e	Reactivity:	Human
Conjugate: This CDON antibody is conjugated to Cy7 Application: Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-e	Host:	Rabbit
Application: Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-e	Clonality:	Polyclonal
	Conjugate:	This CDON antibody is conjugated to Cy7
	Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CDON
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CDON
Alternative Name:	CDON (CDON Products)
Background:	Synonyms: CDO, CDON, Cell adhesion molecule-related/down-regulated by oncogenes,

CDON	Ηl	JM	ΑN
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Background: Cell adhesion molecule-related/down-regulated by oncogenes (CDO) and BOC (brother of CDO) are members of the immunoglobulin/fibronectin type III repeat family and act as cell surface receptors. CDO is a component of a cell-surface receptor complex which also contains BOC, NEO1, CTNNB1 and cadherins and which acts as a mediator of cell-cell interactions between muscle cells. CDO and BOC are single pass membrane proteins that play a role in myogenic cell differentiation. Together, CDO and BOC participate in a positive feedback loop with MyoD, a myogenic transcription factor. The 1,242 amino acid rat CDO protein has a 24 residue signal sequence, five Ig V-like repeats, a 25 residue membrane-spanning region, three FNIII-like repeats and a cytoplasmic region of 256 amino acids containing a proline-rich stretch. The human protein contains 1,225 amino acid residues and shares significant homology with the domain structures of the rat protein.

Gene ID: 50937

Pathways: Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development, Embryonic Body

Morphogenesis

Application Details

Application Notes: IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date:

12 months