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Datasheet for ABIN337035

anti-OB Cadherin antibody (Intracellular)

2 Images

Overview

Quantity:	50 µg
Target:	OB Cadherin (CDH11)
Binding Specificity:	Intracellular
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This OB Cadherin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Recombinant protein consisting of intracellular domain of human cadherin 11. Type of Immunogen: Recombinant protein
Clone:	5B2H5
Isotype:	IgG1 kappa
Specificity:	Recognizes the ~110kD human Cadherin 11 protein. Cross-reactivity with other cadherin family members has not been observed.
Purification:	Protein A purified

Target Details

Target:	OB Cadherin (CDH11)
Alternative Name:	CDH11 / Cadherin 11 (CDH11 Products)
Background:	Name/Gene ID: CDH11 Family: Cadherin Synonyms: CDH11, CAD11, Cadherin 11, Cadherin-11, CDHOB, OSF-4, Osteoblast cadherin, OB, OB-cadherin, Ventral neural cadherin, Vnc
Gene ID:	1009
UniProt:	P55287

Application Details

Application Notes:	Approved: ELISA, IHC, IHC-Fr (5 - 10 µg/mL), IHC-P (5 - 10 µg/mL), IP (5 µg/mL), WB (2 - 4 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5-10 µg/mL. Immunoprecipitation: 5 µg. Native, human, Not tested for mouse. Positive control: MDA-MB231 cells (human) and mouse L fibroblast lysates.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Handling Advice: Aliquot to Avoid freeze/thaw cycles.

Storage: 4 °C, -20 °C

Storage Comment: Short term 4°C (no longer than 1 week)
Long term -20°C
Aliquot to avoid freeze/thaw cycles.

Images

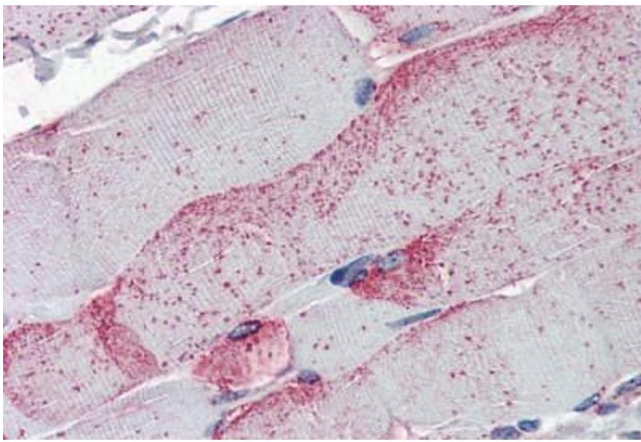
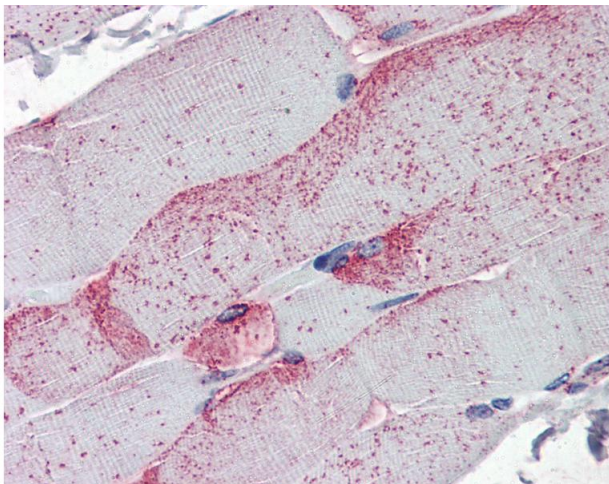


Image 1. Skeletal muscle



Immunohistochemistry

Image 2. Anti-CDH11 antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.