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Datasheet for ABIN225614

anti-Ryanodine Receptor antibody (C-Term)

Overview

Quantity:	50 µg
Target:	Ryanodine Receptor
Binding Specificity:	C-Term
Reactivity:	Mouse, Rat, Human, Dog, Cow, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Ryanodine Receptor antibody is un-conjugated
Application:	Immunohistochemistry (Frozen Sections) (IHC (fro)), Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	Short synthetic polypeptide corresponding to the c-terminal domain of the ryanodine receptor. Type of Immunogen: Synthetic peptide
Isotype:	IgG2b
Specificity:	Reacts with the C-terminus cytoplasmic domain of ryanodine receptor. Ryanodine receptors have been shown to play critical roles in the intracellular Ca ²⁺ signaling occurring during cell activation in muscle cells and non-muscle cells. Reacts with ryanodine receptor (MW approx. 500kD) isolated from a variety of cell types (e. g. lymphocytes, macrophages, granulocytes, fibroblasts, epithelial, endothelial cells, skeletal muscle, cardiac muscle and brain tissues).
Purification:	Purified

Target Details

Target:	Ryanodine Receptor
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Abstract:	Ryanodine Receptor Products
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Application Details

Application Notes:	Approved: ELISA (1:1000), Flo (1:500), IF (1:100), IHC, IHC-Fr (1:100), WB (1:100)
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Usage: Immunohistology: Use indirect immunofluorescence. Visualization by confocal microscopy is required, as detection by standard fluorescent microscopy will not be adequate to detect the RyR. Additionally, fluorescent, not enzymatic, detection is required.

Comment:	Target Species of Antibody: Human
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	PBS, 0.09 % sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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