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Datasheet for ABIN639316

**anti-Ryanodine Receptor antibody**

## Overview

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

## Product Details

Purpose:	Mouse Anti-Human Ryanodine Receptor
Immunogen:	Short synthetic polypeptide corresponding to the C-terminal domain of the ryanodine receptor.
Isotype:	IgG2b
Specificity:	This product reacts with the C-terminus cytoplasmic domain of ryanodine receptor. Ryanodine receptors have been shown to play critical roles in the intracellular Ca <sup>2+</sup> signaling occurring during cell activation in muscle cells and non-muscle cells. OBT1818 reacts with ryanodine receptor (MW approx. 500kDa) isolated from a variety of cell types (e.g. lymphocytes, macrophages, granulocytes, fibroblasts, epithelial, endothelial cells, skeletal muscle, cardiac muscle and brain tissues).
Cross-Reactivity:	Cow (Bovine), Dog (Canine), Mouse (Murine), Pig (Porcine), Rat (Rattus)
Purification:	Purified

## Target Details

Target:	Ryanodine Receptor
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Abstract:	<a href="#">Ryanodine Receptor Products</a>
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## Application Details

Application Notes:	Immunohistology - Frozen, ELISA (dilution: , 1/100), Flow Cytometry, Immunoblotting, Immunofluorescence
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Restrictions:	For Research Use only
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## Handling

Buffer:	Phosphate buffered saline
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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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Storage:	-20 °C
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Storage Comment:	-20°C
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