

Datasheet for ABIN533143  
**anti-Dystroglycan antibody (pTyr892)**[Go to Product page](#)

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## Overview

Quantity:	100 µL
Target:	Dystroglycan (DAG1)
Binding Specificity:	pTyr892
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Dystroglycan antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	Mouse monoclonal antibody raised against synthetic phosphopeptide of DAG1.
Immunogen:	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding Y892 of human DAG1.
Clone:	M117
Isotype:	IgG1
Specificity:	This peptide sequence has high homology to the conserved tyrosine site in rat and mouse dystroglycan.
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Antibody Reactive Against Synthetic Peptide.

## Target Details

Target:	Dystroglycan (DAG1)
Alternative Name:	DAG1 ( <a href="#">DAG1 Products</a> )
Gene ID:	1605
Pathways:	<a href="#">Maintenance of Protein Location, Regulation of Carbohydrate Metabolic Process, Protein targeting to Nucleus</a>

## Application Details

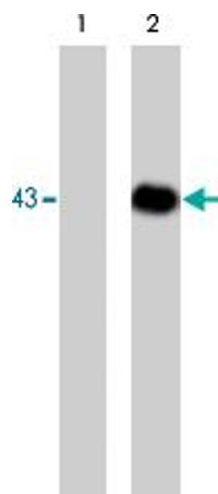
Application Notes:	ELISA (1:2000) Western Blot (1:500) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	In PBS (50 % glycerol, 1 mg/mL BSA, 0.05 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## Publications

Product cited in:	Sotgia, Bonuccelli, Bedford, Brancaccio, Mayer, Wilson, Campos-Gonzalez, Brooks, Sudol, Lisanti: "Localization of phospho-beta-dystroglycan (pY892) to an intracellular vesicular compartment in cultured cells and skeletal muscle fibers in vivo." in: <b>Biochemistry</b> , Vol. 42, Issue 23, pp. 7110-23, (2003) ( <a href="#">PubMed</a> ).
	James, Nuttall, Ilsley, Ottersbach, Tinsley, Sudol, Winder: "Adhesion-dependent tyrosine phosphorylation of (beta)-dystroglycan regulates its interaction with utrophin." in: <b>Journal of cell science</b> , Vol. 113 ( Pt 10), pp. 1717-26, (2000) ( <a href="#">PubMed</a> ).



Western Blotting

**Image 1.** Western blot analysis of HepG2 cells untreated (lane 1) or treated with pervanadate (1 mM) for 30 min (lane 2). Blots were probed with DAG1 (phospho Y892) monoclonal antibody, clone M117 .