

Datasheet for ABIN7607135

## Recombinant anti-SPTBN4 antibody (AA 1621-1832)



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### Overview

Quantity:	100 µL
Target:	SPTBN4
Binding Specificity:	AA 1621-1832
Reactivity:	Human
Host:	Chicken, Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This SPTBN4 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunocytochemistry (ICC), ELISA

### Product Details

Purpose:	Anti-Beta4-Spectrin Recombinant Chicken Chimeric mAb (N393/76)
Immunogen:	Fusion protein amino acids 1621-1832 (C-terminal repeats 14 to 15) of human Beta4-spectrin (accession number Q9H254) produced recombinantly in E. Coli
Clone:	N393-76
Isotype:	IgY
Specificity:	No off-targets reported for other Beta-spectrins
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N393/76 with chicken IgY heavy and light constant regions. As

## Product Details

such this antibody retains the same binding performance as the original clone N393/76 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in mammalian cells and then affinity purified from the cell culture media.

Purification: Purified by affinity chromatography.

## Target Details

Target:	SPTBN4
Alternative Name:	Beta4-spectrin ( <a href="#">SPTBN4 Products</a> )
Molecular Weight:	>200 kDa
Gene ID:	57731
Pathways:	<a href="#">Sensory Perception of Sound</a> , <a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Maintenance of Protein Location</a>

## Application Details

Application Notes:	WB: 1:1000 IHC: 1:250 ICC: 1:500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1X PBS, 0.05 % Sodium Azide 7.4
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:	4 °C,-20 °C
Storage Comment:	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.