

Product datasheet

Anti-Torsin A/DYT1 antibody [EP2569Y] ab76133

Recombinant RabMAb

3 Images

Overview

Product name	Anti-Torsin A/DYT1 antibody [EP2569Y]
Description	Rabbit monoclonal [EP2569Y] to Torsin A/DYT1
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human Torsin A/DYT1 aa 300-400 (C terminal). The exact sequence is proprietary.
Positive control	WB: SW480, Caco-2, A549, NIH/3T3, and C6 whole cell lysates. Rat brain and mouse lung tissue lysates; Flow Cyt (intra): SH-SY5Y cells.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 0.05% BSA, 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EP2569Y

Applications

The Abpromise guarantee

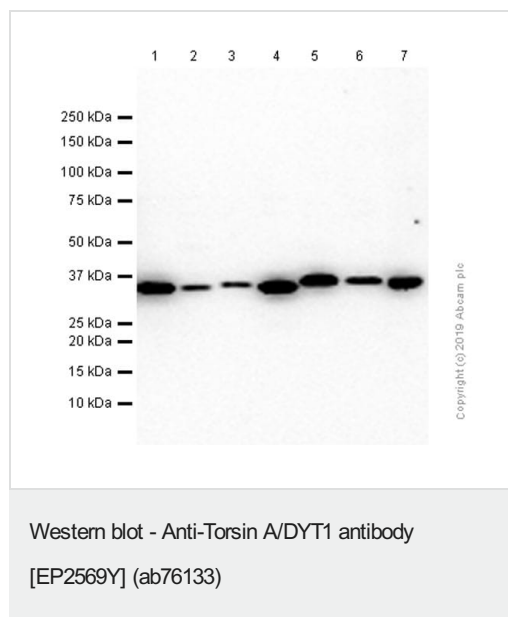
Our **Abpromise guarantee** covers the use of ab76133 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		1/100. For unpurified used at 1/150 ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/500 - 1/1000. Detects a band of approximately 35 kDa (predicted molecular weight: 37 kDa).

Target

Images



All lanes : Anti-Torsin A/DYT1 antibody [EP2569Y] (ab76133) at 1/5000 dilution (purified)

Lane 1 : SW480 (Human colorectal adenocarcinoma epithelial cell) whole cell lysate

Lane 2 : Caco-2 (Human colorectal adenocarcinoma epithelial cell) whole cell lysate

Lane 3 : Rat brain lysate

Lane 4 : A549 (Human lung carcinoma epithelial cell) whole cell lysate

Lane 5 : NIH/3T3 (Mouse embryonic fibroblast) whole cell lysate

Lane 6 : Mouse lung lysate

Lane 7 : C6 (Rat glial tumor glial cell) whole cell lysate

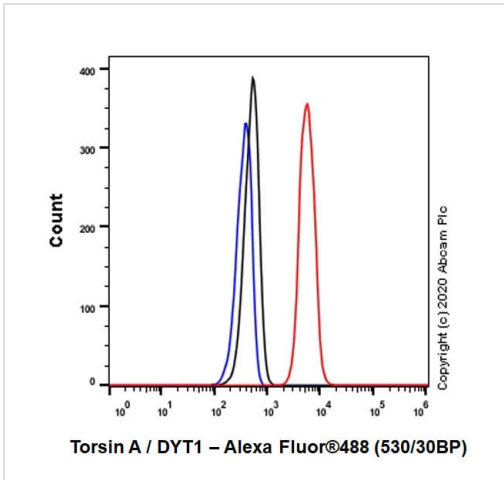
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 37 kDa





Observed band size: 35 kDa



Intracellular Flow Cytometry analysis of SH-SY5Y (Human neuroblastoma epithelial cell) cells labeling Torsin A/DYT1 with purified ab76133 at 1/100 dilution (10µg/mL) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).

Flow Cytometry (Intracellular) - Anti-Torsin A/DYT1 antibody [EP2569Y] (ab76133)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-Torsin A/DYT1 antibody [EP2569Y] (ab76133)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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