

Product datasheet

Anti-TPGS1 antibody [EPR14324] - BSA and Azide free ab250733

Recombinant RabMAb

5 Images

Overview

Product name	Anti-TPGS1 antibody [EPR14324] - BSA and Azide free
Description	Rabbit monoclonal [EPR14324] to TPGS1 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IP, Flow Cyt (Intra), WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab250733 is the carrier-free version of ab184178.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Affinity purified
Clonality	Monoclonal
Clone number	EPR14324
Isotype	IgG

Applications

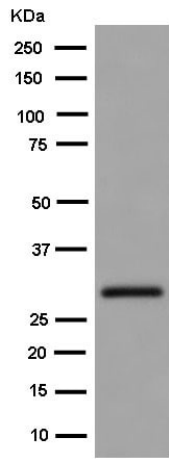
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250733 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 31 kDa (predicted molecular weight: 31 kDa).

Target

Relevance	TPGS1 may act in the targeting of the tubulin polyglutamylase complex. It is required for the development of the spermatid flagellum.
Cellular localization	Microtubule.

Images



Western blot - Anti-TPGS1 antibody [EPR14324] - BSA and Azide free (ab250733)

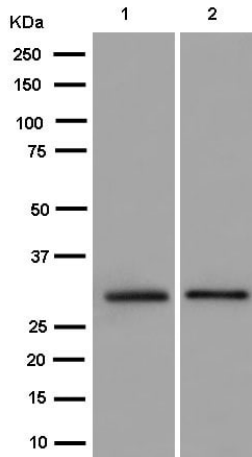
Anti-TPGS1 antibody [EPR14324] ([ab184178](#)) at 1/10000 dilution
+ Mouse testis tissue lysate at 20 µg

Secondary

Peroxidase conjugated Goat anti-Rabbit IgG (H+L) at 1/1000 dilution

Predicted band size: 31 kDa

This data was developed using [ab184178](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-TPGS1 antibody [EPR14324] - BSA and Azide free (ab250733)

All lanes : Anti-TPGS1 antibody [EPR14324] ([ab184178](#)) at 1/2000 dilution

Lane 1 : Rat testis tissue lysate

Lane 2 : SH-SY5Y cell lysate

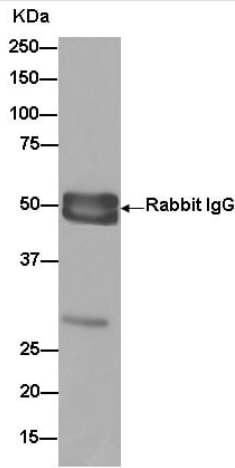
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Peroxidase conjugated Goat anti-Rabbit IgG (H+L) at 1/1000 dilution

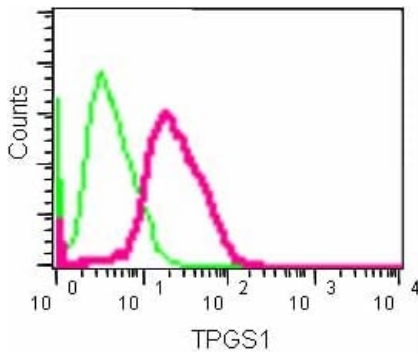
Predicted band size: 31 kDa

This data was developed using [ab184178](#), the same antibody clone in a different buffer formulation.



Immunoprecipitation - Anti-TPGS1 antibody
[EPR14324] - BSA and Azide free (ab250733)

This data was developed using **ab184178**, the same antibody clone in a different buffer formulation. Immunoprecipitation analysis of SH-SY5Y cells labeling TPGS1 using **ab184178** at 1/50 dilution. A Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 was used as secondary antibody.







Flow Cytometry (Intracellular) - Anti-TPGS1 antibody
[EPR14324] - BSA and Azide free (ab250733)

This data was developed using **ab184178**, the same antibody clone in a different buffer formulation.

Intracellular Flow Cytometry analysis of 2% paraformaldehyde fixed SH-SY5Y cells staining TPGS1 using **ab184178** at 1/50 and FITC conjugated Goat anti rabbit IgG at 1/150 as a secondary antibody (red curve), and a Rabbit monoclonal IgG negative control (green curve).

Why choose a recombinant antibody?

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

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

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