


Product datasheet

Anti-TRAP alpha/TRAPA antibody [EPR5604] α b126775

Recombinant RabMAb

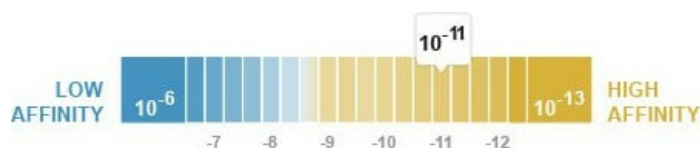
[2 References](#) [3 Images](#)

Overview

Product name	Anti-TRAP alpha/TRAPA antibody [EPR5604]
Description	Rabbit monoclonal [EPR5604] to TRAP alpha/TRAPA
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide within Human TRAP alpha/TRAPA aa 250 to the C-terminus (C terminal). The exact sequence is proprietary. Database link: P43307
Positive control	HL60 and HepG2 cell lysates.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Dissociation constant (K_D)	$K_D = 3.30 \times 10^{-11}$ M



[Learn more about \$K_D\$](#)

Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR5604
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab126775 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

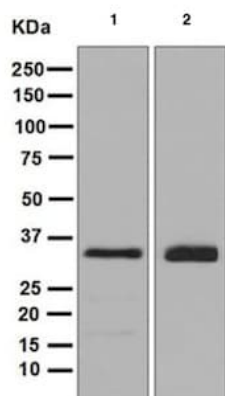
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 34 kDa (predicted molecular weight: 32 kDa).

Application notes Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

Target

Function	TRAP proteins are part of a complex whose function is to bind calcium to the ER membrane and thereby regulate the retention of ER resident proteins. May be involved in the recycling of the translocation apparatus after completion of the translocation process or may function as a membrane-bound chaperone facilitating folding of translocated proteins.
Sequence similarities	Belongs to the TRAP-alpha family.
Domain	Shows a remarkable charge distribution with the N-terminus being highly negatively charged, and the cytoplasmic C-terminus positively charged.
Cellular localization	Endoplasmic reticulum membrane.

Images



Western blot - Anti-TRAP alpha/TRAPA antibody
[EPR5604] (ab126775)

All lanes : Anti-TRAP alpha/TRAPA antibody [EPR5604]
(ab126775) at 1/1000 dilution

Lane 1 : HL60 cell lysate

Lane 2 : HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 32 kDa

OI-RD Scanning - Anti-TRAP alpha/TRAPA antibody
[EPR5604] (ab126775)

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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

Anti-TRAP alpha/TRAPA antibody [EPR5604]
(ab126775)

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

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