

Product datasheet

PE Anti-Granzyme B antibody [EPR8260] ab303034

Recombinant RabMAb

1 Image

Overview		
Product name	PE Anti-Granzyme B antibody [EPR8260]	
Description	PE Rabbit monoclonal [EPR8260] to Granzyme B	
Host species	Rabbit	
Conjugation	PE. Ex: 488nm, Em: 575nm	
Tested applications	Suitable for: Target binding affinity, Antibody labelling	
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.	
General notes	This <u>conjugated primary antibody</u> is released using a quantitative quality control method that evaluates binding affinity post-conjugation and efficiency of antibody labeling.	
	For suitable applications and species reactivity, please refer to the unconjugated version of this clone. This conjugated antibody is eligible for Abtrial: learn more here .	
	This product is a recombinant monoclonal antibody, which offers several advantages including:	
	 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 <u>RabMAb[®] patents</u> .	

Properties	
Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at +4°C. Avoid freeze / thaw cycle. Store In the Dark.
Storage buffer	pH: 7.4 Preservative: 0.02% Sodium azide Constituents: 98% PBS, 1% BSA
Purity	Protein A purified
Clonality	Monoclonal

Clone number	EPR8260
lsotype	lgG

Applications

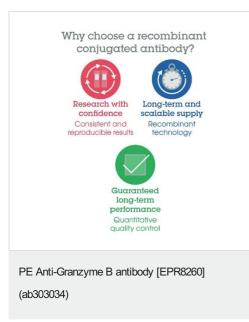
The Abpromise guarantee Our <u>Abpromise guarantee</u> covers the use of ab303034 in the following tested applications.

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

Application	Abreviews	Notes
Target binding affinity		Use at an assay dependent concentration.
Antibody labelling		Use at an assay dependent concentration.

Target	
Function	This enzyme is necessary for target cell lysis in cell-mediated immune responses. It cleaves after Asp. Seems to be linked to an activation cascade of caspases (aspartate-specific cysteine proteases) responsible for apoptosis execution. Cleaves caspase-3, -7, -9 and 10 to give rise to active enzymes mediating apoptosis.
Sequence similarities	Belongs to the peptidase S1 family. Granzyme subfamily. Contains 1 peptidase S1 domain.
Cellular localization	Cytoplasmic granule. Cytoplasmic granules of cytolytic T-lymphocytes and natural killer cells.

Images



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