

Product datasheet

Anti-ESAT6 antibody ab45073

★☆☆☆☆ 3 Abreviews 3 References

Overview

Product name	Anti-ESAT6 antibody
Description	Rabbit polyclonal to ESAT6
Host species	Rabbit
Specificity	This antibody reacts with recombinant ESAT6 produced in E.coli.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Species independent
Immunogen	Recombinant full length protein corresponding to ESAT6.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</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 long term.
Storage buffer	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab45073 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	★☆☆☆☆ (2)	Use at an assay dependent concentration. Predicted molecular weight: 11 kDa. Use under reducing conditions.

Target

Relevance The ESAT6 antigen from Mycobacterium tuberculosis is a dominant target for cell mediated immunity in the early phase of tuberculosis (TB) in TB patients as well as in various animal models. ESAT6 is not found in M. bovis BCG. Its function is not known but it elicits high level of IFN-gamma from memory effector cells during the first phase of a protective immune response.

Cellular localization Secreted

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