

Product datasheet

Anti-ESAT6 antibody ab45073

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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	Full length protein (Rv3875) from Mycobacterium tuberculosis.

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

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	★☆☆☆☆	Use a concentration of 0.2 - 1 µg/ml. Detects a band of approximately 12 kDa (predicted molecular weight: 10 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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