

Product datasheet

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ARG63074 Package: 100 µg anti-Mycobacterium tuberculosis antigen EsaT6 (Rv3875) antibody Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes Mycobacterium tuberculosis antigen EsaT6 (Rv3875)

Tested Reactivity Bacteria
Tested Application WB

Specificity The polyclonal antibody reacts with EsaT6 (6 kDa early secretory antigen target ESXA), a 11,8 kDa

antigen encoded by gene Rv3875 of Mycobacterium tuberculosis.

The antibody recognizes EsaT6 of Mycobacterium tuberculosis H37Rv and Mycobacterium bovis; it

reacts also with recombinant antigen produced in Escherichia coli.

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name Mycobacterium tuberculosis antigen EsaT6 (Rv3875)

Immunogen EsaT-6 (Rv3875) of Mycobacterium tuberculosis

Conjugation Un-conjugated

Alternate Names esat-6

Application Instructions

Application table	Application	Dilution
	WB	0.5 - 1 μg/ml

Application Note WB: Under reducing condition.

* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations

should be determined by the scientist.

Properties

Form Liquid

Purification Purified from rabbit serum by protein-A afinity chromatography.

Purity > 95% (by SDS-PAGE)

Buffer PBS (pH 7.4) and 15 mM Sodium azide

Preservative 15 mM Sodium azide

Concentration 1 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

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Bioinformation

Database links GeneID: 886209 Bacteria

Gene Symbol esxA

Gene Full Name ESAT-6 protein EsxA

Function Not known. Elicits high level of IFN-gamma from memory effector cells during the first phase of a

protective immune response. [UniProt]

Research Area Microbiology and Infectious Disease antibody

Calculated Mw 10 kDa