ARG63074
anti-Mycobacterium tuberculosis antigen EsaT6 (Rv3875) antibody

Package: 100 µg
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.

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