

Product Information

Anti-Antigen 85-A
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW22813**

Formerly listed as GenWay Catalog Number 15-288-22813,
Antigen 85-A Antibody.

Storage Temperature Store at -20 °C

Synonyms: Antigen 85-A (85A) (Antigen 85 complex A) (Ag85A) (Mycolyl transferase 85A) (Fibronectin-binding protein A), 85A; Antigen 85 complex A; Ag85A; Mycolyl transferase 85A; EC 2.3.1.-; Fibronectin-binding protein A

Product Description

Proteins of the antigen 85 complex are responsible for the high affinity of mycobacteria to fibronectin. Possesses a mycolyltransferase activity required for the biogenesis of trehalose dimycolate (cord factor), a dominant structure necessary for maintaining cell wall integrity.

NCBI Accession number: P17944

Swiss Prot Accession number: P0A4V2

Gene Information: Mycobacterium tuberculosis .. fbpA (886132)

Immunogen: Recombinant protein Antigen 85-A (85A) (Antigen 85 complex A) (Ag85A) (Mycolyl transferase 85A) (Fibronectin-binding protein A)

Immunogen Sequence: GI # 5902700, sequence 43 - 338

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Bacteria, Tuberculosis

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2–8 °C for up to one week. For extended storage, store in -20 °C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

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