**Rabbit anti-Mycobacterium tuberculosis Immunogenic protein MPT64**

**polyclonal Antibody; FITC conjugated**

**Catalog Number:** **CSB-PA14949C0Rb**

|  |  |
| --- | --- |
| **Synonym Names** | Antigen MPT64,mpt64 ,MTCY39.39,Rv1980c |
| **Product type** | Primary antibodies |
| **Description** | Rabbit polyclonal to mpt64 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Reacts with** | Mycobacterium tuberculosis;Other species are not tested. Please decide the specificity by homology. |
| **Conjugate** | FITC-conjugated |
| **Purity** | Caprylic Acid Ammonium Sulfate Precipitation purified |
| **Storage buffer** | Preservative: 0.03% Proclin 300  Constituents: 50% Glycerol, 20mM NaHCO3 PH 7.4 |
| **Storage** | Shipped at 4°C Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze. |
| **Form** | Liquid |
| **Raised in** | Rabbit |
| **Tested applications** | ELISA, WB; Not yet tested in other applications. |
| **Function** | The present invention relates to fusion proteins containing at least two Mycobacterium species antigens. In particular, it relates to nucleic acids encoding fusion proteins that include two or more individual M. tuberculosis antigens, which increase serological sensitivity of sera from individuals infected with tuberculosis, and methods for their use in the diagnosis, treatment, and prevention of tuberculosis infection. |
| **References** | [1] "A family of cross-reacting proteins secreted by Mycobacterium tuberculosis."  Wiker H.G., Nagai S., Harboe M., Ljungqvist L.Scand. J. Immunol. 36:307-319(1992).  [2] "Deciphering the biology of Mycobacterium tuberculosis from the complete genome sequence."Cole S.T., Brosch R., Parkhill J., Garnier T., Churcher C.M., Harris D.E., Gordon S.V., Eiglmeier K., Gas S., Barry C.E. III, Tekaia F., Badcock K., Basham D., Brown D., Chillingworth T., Connor R., Davies R.M., Devlin K. Barrell B.G.  Nature 393:537-544(1998).  [3] "High-level heterologous expression and secretion in rapidly growing nonpathogenic mycobacteria of four major Mycobacterium tuberculosis extracellular proteins considered to be leading vaccine candidates and drug targets."  Harth G., Lee B.Y., Horwitz M.A.Infect. Immun. 65:2321-2328(1997). |