

32-5782: Mouse Anti Human Lymphotoxin-alpha(Clone: PAT15A3AT.)

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| Clonality : | Monoclonal |
| Clone Name : | PAT15A3AT. |
| Application : | ELISA,WB |
| Gene : | LTA4H |
| Gene ID : | 4048 |
| Uniprot ID : | P09960 |
| Format : | Purified |
| Alternative Name : | Lymphotoxin-alpha,LT-alpha,TNF-beta,Tumor necrosis factor ligand superfamily member 1,LTA,TNFB,TNFSF1,LT. |
| Isotype : | Mouse IgG2b heavy chain and ? light chain. |
| Immunogen Information : | Anti-human LTA mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human LTA amino acids 35-205 purified from E. coli. |

Description

Lymphotoxin-alpha (LT-alpha or LTA) belongs to the TNF ligand superfamily, which bind the same TNF receptor and mediate similar pleiotropic effect. LTA is a proinflammatory cytokine with important biological activity and immunomodulatory function and is known to influence a variety of cellular response. Furthermore, LTA mediates a large variety of inflammatory, immunostimulatory, and antiviral responses, is involved in the formation of secondary lymphoid organs during development and has a role in apoptosis. LTA is highly inducible, secreted, and forms heterotrimers with lymphotoxin-beta which anchors lymphotoxin-alpha to the cell surface. LTA, which is located within the MHC III region of chromosome 6, shows close relation to the HLA class I (HLA-B) and class II (HLA-DR) genes. Polymorphism in the LTA gene appears to contribute to infectious disease susceptibility and infection. Genetic variations in the LTA gene are linked to susceptibility to leprosy type 4 and psoriatic arthritis.

Product Info

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| Amount : | 20 µg |
| Purification : | LTA antibody was purified from mouse ascitic fluids by protein-G affinity chromatography. |
| Content : | 1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide. |
| Storage condition : | For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles. |

Application Note

LTA antibody has been tested by ELISA, Western blot and Immunofluorescence analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis and Immunofluorescence is 1:250 ~ 500. Recommended starting dilution is 1:250.