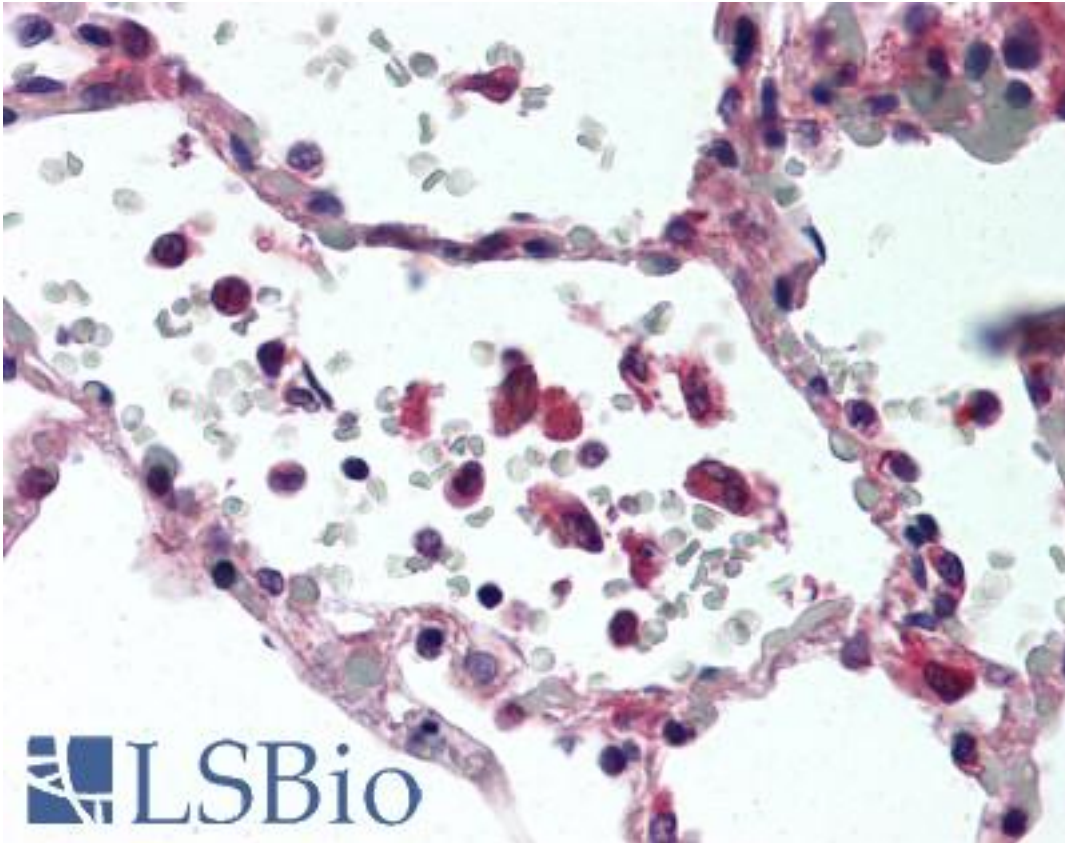


**TNF Alpha Mouse anti-Human Monoclonal (52B83) Antibody - LS-B2123 - LSBio**

<b>CatalogID:</b>	LS-B2123
<b>Validation:</b>	This antibody replaces catalog number LS-C18251. It has been validated for use in the following assays: IHC-P.
<b>Target:</b>	tumor necrosis factor (TNF)
<b>Synonyms:</b>	TNF Antibody, APC1 protein Antibody, Cachectin Antibody, DIF Antibody, TNF Alpha Antibody, Tumor necrosis factor-alpha Antibody, TNF-alpha Antibody, TNF-a Antibody, TNFA Antibody, Tumor necrosis factor Antibody, TNF, macrophage-derived Antibody, TNF, monocyte-derived Antibody, TNFSF2 Antibody
<b>Family / Subfamily:</b>	TNF / not assigned-TNF
<b>Host</b>	TNF antibody was produced in Mouse
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG1
<b>Clone Name:</b>	52B83
<b>Immunogen Species:</b>	TNF Alpha antibody was raised against Human
<b>Immunogen:</b>	TNF Alpha antibody was raised against human TNFa.
<b>Specificity:</b>	Recognizes human native and recombinant TNF-alpha. Reacts with soluble (17kD) and membrane (26kD) human TNF-alpha. Does not cross-react with TNF-beta, lymphotoxin and receptor bound TNF-alpha.
<b>Reactivity:</b>	Human, Monkey, Mouse, Guinea pig
<b>Purification:</b>	Purified
<b>Presentation:</b>	PBS, 0.02% sodium azide, 0.1% BSA.
<b>Recommended Storage:</b>	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
<b>Usage Summary:</b>	Immunohistochemistry: LS-B2123 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B2123 was determined to be 2.5 ug/ml. Non-specific background staining is observed in connective tissues.
<b>Uses:</b>	IHC - Paraffin (2.5 µg/ml), IHC - Frozen, Western blot (1:5), Flow Cytometry, ELISA (Optimal dilution to be determined by the researcher)
<b>Size:</b>	50 µg
<b>Concentration:</b>	0.1 mg/ml

**Immunohistochemistry Image:**



Anti-TNF Alpha antibody IHC of human lung. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2123 concentration 5 ug/ml.

**Requested From:**

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/23/2014

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