

Product datasheet

Anti-LTA antibody [MM0460-12B4] α b89566

★★★★★ [1 Abreviews](#) [1 References](#) [1 Image](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-LTA antibody [MM0460-12B4] |
| Description | Mouse monoclonal [MM0460-12B4] to TNF beta |
| Host species | Mouse |
| Tested applications | Suitable for: IHC-P |
| Species reactivity | Reacts with: Human |
| Immunogen | Recombinant full length protein corresponding to Human LTA. Database link: P01374 |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | Constituent: PBS |
| Purity | Protein G purified |
| Purification notes | The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and 0.2 μ m filtered. |
| Clonality | Monoclonal |
| Clone number | MM0460-12B4 |
| Isotype | IgG1 |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab89566 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| IHC-P | | Use at an assay dependent concentration. |

Target

Function

Cytokine that in its homotrimeric form binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFR and TNFRSF14/HVEM. In its heterotrimeric form with LTB binds to TNFRSF3/LTBR. Lymphotoxin is produced by lymphocytes and cytotoxic for a wide range of tumor cells in vitro and in vivo.

Involvement in disease

Genetic variations in LTA are a cause of susceptibility psoriatic arthritis (PSORAS) [MIM:607507]. PSORAS is an inflammatory, seronegative arthritis associated with psoriasis. It is a heterogeneous disorder ranging from a mild, non-destructive disease to a severe, progressive, erosive arthropathy. Five types of psoriatic arthritis have been defined: asymmetrical oligoarthritis characterized by primary involvement of the small joints of the fingers or toes; asymmetrical arthritis which involves the joints of the extremities; symmetrical polyarthritis characterized by a rheumatoidlike pattern that can involve hands, wrists, ankles, and feet; arthritis mutilans, which is a rare but deforming and destructive condition; arthritis of the sacroiliac joints and spine (psoriatic spondylitis).

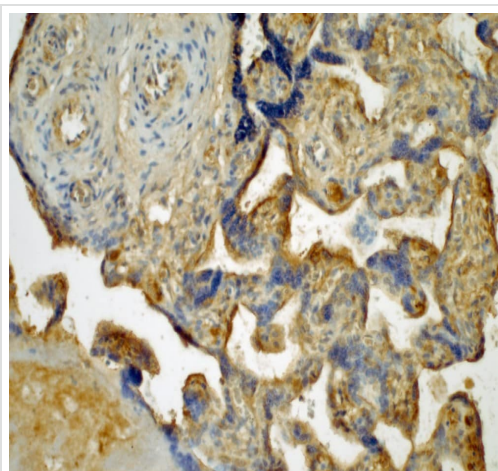
Sequence similarities

Belongs to the tumor necrosis factor family.

Cellular localization

Secreted. Membrane. The homotrimer is secreted. The heterotrimer is membrane-associated.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human placental tissue labelling LTA with ab89566. Antigen pretreated using Proteinase K (20 µg/mL) in PBS at room temperature for 15-30mins. Tissue section incubated with primary antibody at 4°C overnight.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LTA antibody [MM0460-12B4] (ab89566)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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