

## Product datasheet

# Anti-TNF alpha antibody ab26850

1 Image

### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-TNF alpha antibody   |
| <b>Description</b>         | Chicken polyclonal to TNF alpha   |
| <b>Host species</b>        | Chicken   |
| <b>Tested applications</b> | <b>Suitable for:</b> ELISA  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human   |
| <b>Immunogen</b>           | Recombinant fragment corresponding to Human TNF alpha aa 77-233.<br>Database link: <a href="#">P01375</a> |
| <b>Positive control</b>    | Recombinant TNF alpha.  |

### Properties

|                             |  |
|-----------------------------|--|
| <b>Form</b>                 | Liquid   |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. |
| <b>Storage buffer</b>       | Preservative: None<br>Constituents: PBS  |
| <b>Purity</b>               | Protein L purified   |
| <b>Clonality</b>            | Polyclonal   |
| <b>Isotype</b>              | IgY  |

### Applications

Our [Abpromise guarantee](#) covers the use of **ab26850** in the following tested applications.

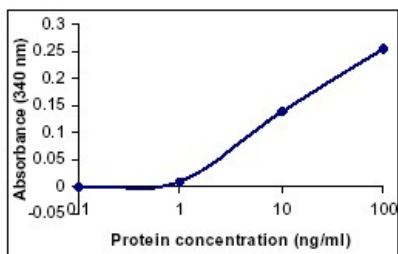
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes                             |
|-------------|-----------|-----------------------------------|
| ELISA       |           | Use a concentration of 0.1 µg/ml. |

### Target

|   |  |
|---|--|
| <b>Function</b>                         | Cytokine that binds to TNFRSF1A/TNFR1 and TNFRSF1B/TNFR2. It is mainly secreted by macrophages and can induce cell death of certain tumor cell lines. It is potent pyrogen causing fever by direct action or by stimulation of interleukin-1 secretion and is implicated in the induction of cachexia, Under certain conditions it can stimulate cell proliferation and induce cell differentiation.   |
| <b>Involvement in disease</b>           | Genetic variations in TNF 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). |
| <b>Sequence similarities</b>            | Belongs to the tumor necrosis factor family.   |
| <b>Post-translational modifications</b> | The soluble form derives from the membrane form by proteolytic processing. The membrane form, but not the soluble form, is phosphorylated on serine residues. Dephosphorylation of the membrane form occurs by binding to soluble TNFRSF1A/TNFR1. O-glycosylated; glycans contain galactose, N-acetylgalactosamine and N-acetylneuraminic acid.  |
| <b>Cellular localization</b>            | Secreted and Cell membrane.  |

## Images



Direct ELISA test detecting recombinant TNF alpha using 0.1 µg/ml ab26850 and a rabbit anti IgY HRP as secondary antibody.

ELISA - TNF alpha antibody (ab26850)

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