
Product Datasheet

TNF alpha antibody (orb1152507)

Description

Mouse monoclonal antibody to TNF alpha

Species/Host

Human

Reactivity

Human

Conjugation

Unconjugated

Tested Applications

Blocking, ELISA, IF, IHC

Immunogen

This antibody was generated by affinity maturation from the 2SD4 scFv, which in turn was selected on human TNF alpha by guided phage-display technology, using the murine anti-hTNF alpha antibody Mab32 as a template (c.f. also US Patent 6090382).

Target

TNF alpha

Preservatives

PBS with 0.02% Proclin 300.

Concentration

1 mg/ml

Storage

Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Note

For research use only

Application notes

Adalimumab binds specifically to TNF and neutralizes the biological function of TNF by blocking its interaction with the p55 and p75 cell surface TNF receptors. Adalimumab, unlike Infliximab (Ab00146), was shown to be cross-reactive with mouse TNF alpha (Arnoult 2017, PMID: 28584008).

Isotype

IgG2a

Clonality

Monoclonal

Purity

Purified

Uniprot ID**P01375****Expiration Date**

12 months from date of receipt.