# Anti-TNF-alpha 1/2 [Z74P2C5*A12]

**Catalogue number:** 153595
**Sub-type:** Primary antibody
**Images:**

## Contributor

**Inventor:** Ayham Alnabulsi
**Institute:** Vertebrate Antibodies Limited
**Images:**

## Tool details

***FOR RESEARCH USE ONLY**

**Name:** Anti-TNF-alpha 1/2 [Z74P2C5*A12]

**Alternate name:** Tumor necrosis factor alpha antibody, Tumor necrosis factor antibody, TNF-a, TNF-alpha



**Class:** Monoclonal
**Conjugate:** Unconjugated
**Description:** Tumor necrosis factor-Ä?Â?? (TNF-Ä?Â??), also known as cachectin, has been shown to play a role in antitumor activity, immune modulation, inflammation, anorexia, cachexia, septic shock, viral replication, and hematopoiesis. Four Tumor necrosis factor-Ä?Â?? molecules are found in Salmon and Trout; TNFa1, TNFa2, TNFa3 and TNFa4. This antibody is specific to TNFa1 and TNFa2.
**Purpose:**
**Parental cell:**
**Organism:**
**Tissue:**
**Model:**
**Gender:**
**Isotype:** IgG
**Reactivity:** Salmon ; Rainbow Trout
**Selectivity:**
**Host:** Mouse
**Immunogen:** ovalbumin-conjugated synthetic peptide
**Immunogen UNIPROT ID:**
**Sequence:**
**Growth properties:**
**Production details:**
**Formulation:**
**Recommended controls:**

Western Blot: recombinant TNF-alpha 1 and TNF-alpha 1. IHC: formalin-fixed, paraffin-embedded adipose fish tissues.
**Bacterial resistance:**
**Selectable markers:**
**Additional notes:**

## Target details

**Target:** Tumor necrosis factor alpha 1 and 2

**Target alternate names:**

**Target background:** Tumor necrosis factor-a (TNF-a), also known as cachectin, has been shown to play a role in antitumor activity, immune modulation, inflammation, anorexia, cachexia, septic shock, viral replication, and hematopoiesis. Four Tumor necrosis factor-a molecules are found in Salmon and Trout; TNFa1, TNFa2, TNFa3 and TNFa4. This antibody is specific to TNFa1 and TNFa2.

**Molecular weight:**

**Ic50:**



## Applications

**Application:** ELISA ; IHC ; WB
**Application notes:**

## Handling

**Format:** Liquid
**Concentration:** 1 mg/ml
**Passage number:**
**Growth medium:**
**Temperature:**
**Atmosphere:**
**Volume:**
**Storage medium:**
**Storage buffer:** PBS with 0.02% azide
**Storage conditions:** -15° C to -25° C
**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Yoshida et al. 2007. Gastroenterology. 132(4):1420-31. PMID: 17408638. ; The forkhead box M1 transcription factor contributes to the development and growth of mouse colorectal cancer. ; Wang et al. 2002. Proc Natl Acad Sci U S A. 99(26):16881-6. PMID: 12482952. ; The Forkhead Box m1b transcription factor is essential for hepatocyte DNA replication and mitosis during mouse liver regeneration.