

TNF alpha (6H2) Mouse mAb (PBS Only)

db6521-PBS

Package : 可询价

Product Name : TNF alpha (6H2) Mouse mAb (PBS Only)**Cat.No.:** db6521-PBS**Synonyms** : TNF; TNFA; TNFSF2; Tumor necrosis factor; Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a**Application** : WB, IHC-P**Reactivity** : Human, Rat, Mouse**Host species** : Mouse**Background**

Cytokine that binds to TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. 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. Impairs regulatory T-cells (Treg) function in individuals with rheumatoid arthritis via FOXP3 dephosphorylation. Upregulates the expression of protein phosphatase 1 (PP1), which dephosphorylates the key 'Ser-418' residue of FOXP3, thereby inactivating FOXP3 and rendering Treg cells functionally defective (PubMed/23396208). Key mediator of cell death in the anticancer action of BCG-stimulated neutrophils in combination with DIABLO/SMAC mimetic in the RT4v6 bladder cancer cell line (PubMed/22517918).

ImmunogenSynthetic Peptide of TNF α **Gene ID**

7124

Swiss Prot

P01375

Synonyms

TNF; TNFA; TNFSF2; Tumor necrosis factor; Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a

Reactivity

Human, Rat, Mouse

Application

WB, IHC-P

Calculated MW

26 kDa

Observed MW

17,25 kDa

Host species

Mouse

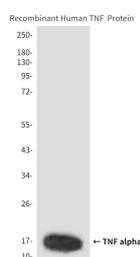
Clonality

Monoclonal

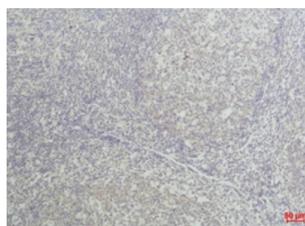
Clonality No.

6H2-4C6-5B6

Isotype	IgG1
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of TNF alpha in Recombinant Human TNF a Protein using TNF α antibody.



Immunohistochemistry analysis of paraffin-embedded Human Tonsil Tissue using TNF α antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.