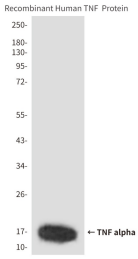
TNF alpha (6H2) Mouse mAb

db6521 **Package : 50μL 100μL**

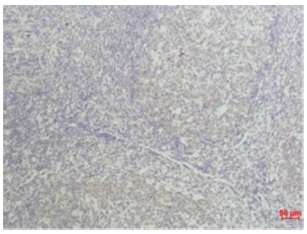
Product Name : TNF alpha (6H2) Mouse mAb
Cat.No.: db6521
Synonyms : TNF; TNFA; TNFSF2; Tumor necrosis factor; Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a
Application : WB, IHC-P
Reactivity : Human, Rat, Mouse
Host species : Mouse

Background	Cytokine that binds to TNFRSF1A/TNFR1 and TNFRSF1B/TNFBR. 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).
Immunogen	Synthetic 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
Recommended dilution	WB: 1:500-1:1000 IHC: 1:50-1:100
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
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . 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 aantibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.