

Anti-TNF alpha Antibody Product Manual

Cat No: GPA9218

Source: Mouse

Reactivity: H, M, R

Applications: WB, IH

*Application Key:

H - Human, M - Mouse, R - Rat, B - Bovine, C - Chicken, D - Dog, G - Goat, Mk - Monkey, P - Pig, Rb - Rabbit, S - Sheep, Z - Zebrafish

*Species Reactivity Key:

E- ELISA, WB - Western blot, IH - Immunohistochemistry, IF - Immunofluorescence, FC - Flow cytometry, IC - Immunocytochemistry, IP - Immunoprecipitation, ChIP - Chromatin Immunoprecipitation, EMSA - Electrophoretic Mobility Shift Assay, BL - Blocking, SE - Sandwich ELISA, CBE - Cell-based ELISA, RNAi - RNA interference

Datasheet

Description: Mouse monoclonal antibody to TNF alpha

Immunogen: Recombinant protein corresponding to human TNF alpha.

Purification: Affinity chromatography

Clonality: Monoclonal

Form: Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Dilution: WB (1/1000 - 1/2000), IH (1/50 - 1/200)

Gene Symbol: TNF

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

Entrez Gene (Human): 7124;

Entrez Gene (Mouse): 21926;

Entrez Gene (Rat): 24835;

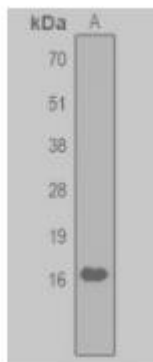
SwissProt (Human): P01375;

SwissProt (Mouse): P06804;

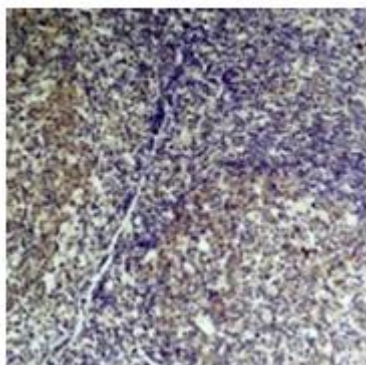
SwissProt (Rat): P16599;

Storage/Stability: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Validation



Western blot analysis of TNF alpha expression in recombinant human TNF-a protein (A) whole cell lysates. (Predicted band size: 25 kD; Observed band size: 17; 25 kD)



Immunohistochemical analysis of TNF alpha staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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