

## Anti-TNF antibody (134-233) (STJ25882)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

### PRODUCT PROPERTIES

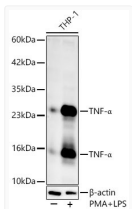
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:500-1:1000 IF/ICC:1:50-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 26kDa Observed Mw: 18kDa/25kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

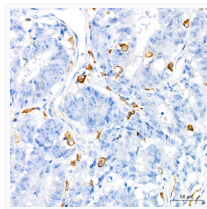
Gene ID	<a href="#">7124</a>
Gene Symbol	<a href="#">TNF</a>
UniProt ID	<a href="#">TNFA_HUMAN</a>
Immunogen Region	134-233
Immunogen Sequence	YYSQVLFKGGQCPSTHVLTTHTISRIAVSYQTKVNLSSAIKSPCQRETPEGAEAKPWYEP IYLGGVFQLEKGDRLSAEINRPDYLDFAESGQVYFGIALL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 134-233 of human TNF-Alpha (NP_000585.2).

### ADDITIONAL INFORMATION

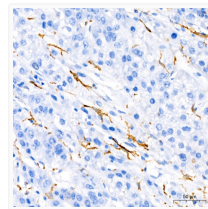
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



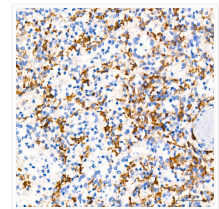
Western blot analysis of THP-1, using TNF-Alpha rabbit polyclonal antibody (STJ25882) at 1:1000 dilution. THP-1 cells were treated by PMA/TPA (80 nM) at 37 °C for overnight and LPS (1 µg/ml) at 37 °C for 6 hours. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.



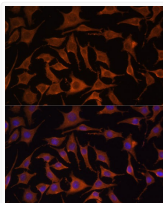
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using TNF-Alpha rabbit polyclonal antibody (STJ25882) at dilution of 1:1000 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human liver using TNF-Alpha rabbit polyclonal antibody (STJ25882) at dilution of 1:1000 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human spleen using TNF-Alpha rabbit polyclonal antibody (STJ25882) at dilution of 1:1000 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of L929 cells using TNF alpha antibody (STJ25882) at dilution of 1:100. Blue: DAPI for nuclear staining.