

Anti-TLR8 antibody (849-1041) (STJ25872)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

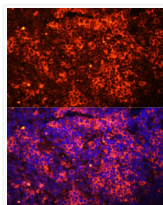
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 120kDa Observed Mw: 150kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

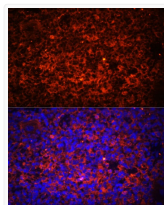
Gene ID	51311
Gene Symbol	TLR8
UniProt ID	TLR8_HUMAN
Immunogen Region	849-1041
Immunogen Sequence	HHLFYWDVWFIYNVCLAKVK GYRSLSTSQTIFYDAYISYDT KDASVTDWVINELRYHLEES RDKNVLLCLEERDWDPLAI IDNMQSINQSKTVFVLTK KYAKSWNFKTAFLALQRLM DENMDVIFILLEPVLQHSQ YLRLRQRICKSSILQWPDNP KAEGFLWQTLRNVVLTENDS RYNNMYVDSIKQY
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 849-1041 of human TLR8 (NP_619542.1).

ADDITIONAL INFORMATION

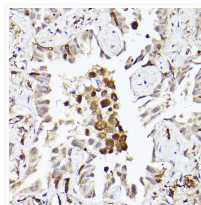
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



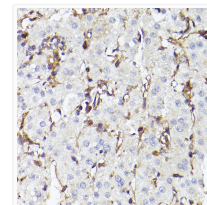
Immunofluorescence analysis of paraffin-embedded mouse spleen using TLR8 Rabbit polyclonal antibody (STJ25872) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



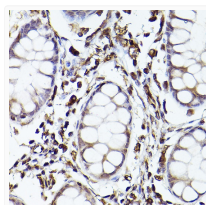
Immunofluorescence analysis of paraffin-embedded rat spleen using TLR8 Rabbit polyclonal antibody (STJ25872) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



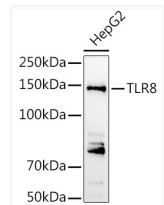
Immunohistochemistry analysis of TLR8 in paraffin-embedded human lung cancer using TLR8 Rabbit polyclonal antibody (STJ25872) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of TLR8 in paraffin-embedded human liver cancer using TLR8 Rabbit polyclonal antibody (STJ25872) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of TLR8 in paraffin-embedded human colon using TLR8 Rabbit polyclonal antibody (STJ25872) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from HepG2 cells, using TLR8 Rabbit polyclonal antibody (STJ25872) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.