

Rabbit Toll Like Receptor 5 (TLR5) Polyclonal Antibody | anti-TLR5 antibody

Polyclonal Antibody to Toll Like Receptor 5 (TLR5)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20192	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, ELISA, Western Blot

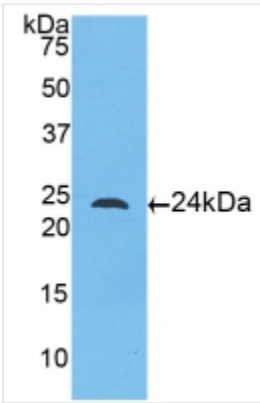
PRODUCT SYNONYMS

Toll Like Receptor 5 (TLR5); Polyclonal Antibody; Polyclonal Antibody to Toll Like Receptor 5 (TLR5); anti-TLR5 antibody

PRODUCT SPECIFICATIONS

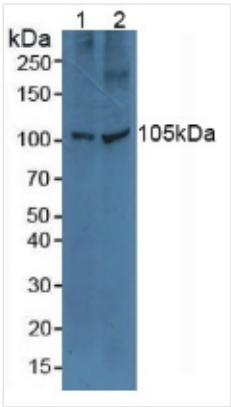
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against TLR5. It has been selected for its ability to recognize TLR5 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and its sequence are listed below. MHHH HHHSSGLVPR GSGMKETAAA KFERQHMDSP DLGTDGDDKA MADIGS-NTT ERLLSFNFI RTVTASSFPF LEQLLLELG SQYTPLTIDK EAFRNLPNLR ILDLGSSKIY FLHPDAFQGL FHLFELRLYF CGLSDAVLKD GYFRNLKALT RLDLSKNQIR SLYLHPSFGK LNSLKSIDFS SNQIFLVCEH ELEPLQGKTL SFFSLAA
Applicable Applications for anti-TLR5 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Application Notes	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunogen	Recombinant TLR5 (Asn46~Ala205) expressed in E.coli.
Cross Reactivity	Human
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type A549 cell lysate; Lane 2: TLR5 knockout A549 cell lysate; Predicted MW: 97kd Observed MW: 105kd Primary Ab: 3ug/ml Rabbit Anti-Human TLR5 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human).



WB (Western Blot)

Western Blot: Sample: Lane1: Human A549 Cells; Lane2: Human HeLa Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TLR5 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16751843
NCBI GeneID	7100
NCBI Accession #	NP_003259.2
NCBI GenBank Nucleotide #	NM_003268.5
UniProt Accession #	O60602; O15456; Q32MI2; Q32MI3; B1AZ05; B3Y633; B9VJ63; D1CS80; D3DTB8
Molecular Weight	97,834 Da
NCBI Official Full Name	toll-like receptor 5
NCBI Official Synonym Full Names	toll like receptor 5
NCBI Official Symbol	TLR5
NCBI Official Synonym Symbols	SLE1; TIL3; SLEB1; MELIOS
NCBI Protein Information	toll-like receptor 5
UniProt Protein Name	Toll-like receptor 5
UniProt Gene Name	TLR5
UniProt Synonym Gene Names	TIL3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.