B STER[®] antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY

Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator, East Lake High-Tech Development Zone, Wuhan.

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87.4% amino acid (aa) sequence identity with mouse TLR2. Concentration 500 ug/ml Purification Immunogen affinity purified. Observed MW 105 kDa	Basic Information	
SourceRabbitClonalityPolyclonalIsotypeIgGSpecies ReactivityhumanTested ApplicationWBContents500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.ImmunogenE.coli-derived human TLR2 recombinant protein (Position: H610-S784). Human TLR2 shares 87.4% amino acid (aa) sequence identity with mouse TLR2.Concentration500 ug/mlPurificationImmunogen affinity purified.Observed MW105 kDa	Product Name	Anti-TLR2 Antibody
Clonality Polyclonal Isotype IgG Species Reactivity human Tested Application WB Contents 500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol. Immunogen E.coli-derived human TLR2 recombinant protein (Position: H610-S784). Human TLR2 shares 87.4% amino acid (aa) sequence identity with mouse TLR2. Concentration 500 ug/ml Purification Immunogen affinity purified. Observed MW 105 kDa	Gene Name	TLR2
IsotypeIgGSpecies ReactivityhumanTested ApplicationWBContents500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.ImmunogenE.coli-derived human TLR2 recombinant protein (Position: H610-S784). Human TLR2 shares 87.4% amino acid (aa) sequence identity with mouse TLR2.Concentration500 ug/mlPurificationImmunogen affinity purified.Observed MW105 kDa	Source	Rabbit
Species Reactivity human Tested Application WB Contents 500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol. Immunogen E.coli-derived human TLR2 recombinant protein (Position: H610-S784). Human TLR2 shares 87.4% amino acid (aa) sequence identity with mouse TLR2. Concentration 500 ug/ml Purification Immunogen affinity purified. Observed MW 105 kDa	Clonality	Polyclonal
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Purification Immunogen affinity purified. Observed MW 105 kDa	Immunogen	E.coli-derived human TLR2 recombinant protein (Position: H610-S784). Human TLR2 shares 87.4% amino acid (aa) sequence identity with mouse TLR2.
Observed MW 105 kDa	Concentration	500 ug/ml
	Purification	Immunogen affinity purified.
	Observed MW	105 kDa
Dilution Ratios Western blot (WB):1:500-2000	Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt, -20°C as supplied.

Background Information

Toll-like receptor 2, also known as TLR-2, is a protein that in humans is encoded by the TLR2 gene. It has also been designated as CD282 (cluster of differentiation 282). TLR-2 plays a role in the immune system. And TLR-2 is a membrane protein, a receptor, which is expressed on the surface of certain cells and recognizes foreign substances and passes on appropriate signals to the cells of the immune system. TLR2 expresses as 4- and 4.4-kb mRNAs in heart, brain, and muscle.

Reference

Anti-TLR2 Antibody被引用在12文献中。

antibody and ELISA experts BOSTER BIOLOGICAL TECHNOLOGY Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator, East Lake High-Tech Development Zone, Wuhan.

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Selected Validation Data



Western blot analysis of TLR2 using anti-TLR2 antibody (A00131). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human THP-1 (-LPS) whole cell lysates,

Lane 2: human THP-1 (+LPS) whole cell lysates,

Lane 3: human Hacat whole cell lysates,

Lane 4: human PC-3 whole cell lysates,

Lane 5: human Caco-2 whole cell lysates,

Lane 6: human HepG2 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-TLR2 antigen affinity purified polyclonal antibody (A00131) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for TLR2 at approximately 105 kDa. The expected band size for TLR2 is at 90 kDa.