

Rabbit Anti-TLR7, Alexa Fluor 680 conjugated

Cat. Number: bs-6601R-AF680

Quantity size: 100ul

Concentration: 1mg/ml. Buffer = 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Background: Key component of innate and adaptive immunity. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific of microorganisms. TLR7 is a nucleotide-sensing TLR which is activated by single-stranded RNA. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.

Specificity:

- Rabbit Polyclonal IgG, affinity purified by Protein A.
- Reacts with: Human, Mouse, Rat (predicted: Dog, Pig)
- Immunogen: KLH conjugated synthetic peptide derived from human TLR7:461-560/1049

Application:

- Immunofluorescence: 1:20-200
- Excitation spectrum: 679nm
- Emission spectrum: 702nm
- Optimal working dilutions must be determined by the end user.
- Protect from light.

Storage: Shipped at 4°C, Store at -20°C (Avoid repeated freeze/thaw cycles).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.