

TLR3

Mouse Anti-Human Toll-like Receptor 3 (Clone TLR 3.7) mAb

Catalog No. MON3068 **Quantity:** 100 µg

Alternate Names: Toll-like receptor 3, CD283

Description: MON3608 recognizes the 116 kDa human Toll-like receptor 3. Toll-like receptors (TLRs) are highly conserved from Drosophila to humans and share structural and functional similarities. TLRs constitute of a family of pattern recognition receptors (PRRs) that mediate cellular responses to a large variety of pathogens (viruses, bacteria, and parasites) by specific recognition of so-called 'pathogen-associated molecular patterns'. TLRs have a central role in innate immunity and are also required for the development of an adaptive immune response. TLRs are expressed by various cells of the immune system, such as macrophages and dendritic cells. TLRs are class I receptors, with a single α -helix that spans the cell membrane. They recognize and respond to molecules derived from bacterial, viral and fungal pathogens, such as lipopolysaccharide (LPS) from the outer membrane of Gram negative bacteria, peptidoglycan fragments from bacterial cell walls and single-stranded and double-stranded RNA from viruses.

Concentration: 0.1 mg/ml

UniProt ID: O15455

Specificity: TLR3

Host: Mouse

Isotype: IgG1

Clone: TLR3.7

Formulation: Purified antibody in PBS, containing 0.1% BSA

Applications: WB, FC, IP, IF, IHC, Functional studies

Storage & Stability: Store at 2-8°C for up to 1 year.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

