

bs-17747R

[Primary Antibody]

MR1 Rabbit pAb



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Host: Rabbit Clonality: Polyclonal GeneID: 3140 Target: MR1 Immunogen: KLH conjugated synthetic peptide derived from human MR1: 23-120/341. < Extracellular > Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: MR1 is a 341 amino acid single-pass membrane protein that localizes to the endoplasmic reticulum, as well as to the extracellular side of the cell membrane, and contains one Ig-like C1-type domain. Expressed ubiquitously, MR1 exists as a heterodimer with β-2-Microglobulin and plays an important role in antigen presentation, specifically in the development and expansion of mucosal-associated invariant T cells (MAITs). MAITs are located in the gut and are involved in monitoring flora levels, as well as in conveying distress signals to other areas of the body, indicating a role for MR1 in proper digestion and immune system function. MR1 exists as four alternatively spliced isoforms and is encoded by a gene which maps to human chromosome 1.	Isotype: IgG SWISS: Q95460 Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) Reactivity: Mouse (predicted: Human, Rat) Predicted MW.: 39 kDa Subcellular Location: Secreted ,Extracellular matrix ,Cell membrane ,Cytoplasm
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