bs-3511R

[Primary Antibody]

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FCGR1A/CD64 Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 2209 SWISS: P12314

Target: FCGR1A/CD64

Immunogen: KLH conjugated synthetic peptide derived from human

CD64/IGFR1: 101-200/374. < 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: This gene encodes a protein that plays an important role in the

immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1. [provided by RefSeq, Jul 2008]

VALIDATION IMAGES



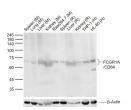
Applications: WB (1:500-2000) ICC/IF (1:50 - 1:200)

ELISA (1:5000-10000)

Reactivity: Human, Mouse, Rat

Predicted 41 kDa MW.:

Subcellular Location: Cell membrane



Sample: Lane 1: Mouse Spleen tissue lysates Lane 2: Mouse Lung tissue lysates Lane 3: Mouse Liver tissue lysates Lane 4: Mouse Kidney tissue lysates Lane 5: Mouse Raw264.7 cell lysates Lane 6: Rat Spleen tissue lysates Lane 7: Rat Liver tissue lysates Lane 8: Rat Kidney tissue lysates Lane 9: Human THP-1 cell lysates Lane 10: Human HL60 cell lysates Primary: Anti-FCGR1A/CD64 (bs-3511R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kDa Observed band size: 70 kDa

- SELECTED CITATIONS -

- [IF=11.492] Laura Lopez-Sanz. et al. Fcy receptor activation mediates vascular inflammation and abdominal aortic aneurysm development. Clin Transl Med. 2021 Jul;11(7):e463 IHC; Human. 34323424
- [IF=9.4] Aldona Mzyk. et al. Quantum sensing to monitor changes in free radical generation by intracellular vesicles of polarized macrophages. ACTA BIOMATER. 2025 Apr;: FC; Mouse. 40222601
- [IF=5.6] Cao De-Li. et al. Cytochrome P450 26A1 Contributes to the Maintenance of Neuropathic Pain. NEUROSCI BULL. 2023 Aug;:1-17 IHC; Mouse. 37639183
- [IF=5.085] Venosa Alessandro. et al. Role of CCR2+ Myeloid Cells in Inflammation Responses Driven by Expression of a Surfactant Protein-C Mutant in the Alveolar Epithelium. Front Immunol. 2021 Apr;12:1348 IHC; Mouse. 33968067
- [IF=5.246] Yin Zhuang, et al. Exosomes Secreted by Nucleus Pulposus Stem Cells Derived From Degenerative

Human. 35111808					