

**bs-6586R****[ Primary Antibody ]****FCAR/CD89 Rabbit pAb****Bioss**  
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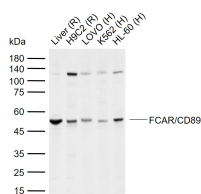
400-901-9800

**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 2204**SWISS:** P24071**Target:** FCAR/CD89**Immunogen:** KLH conjugated synthetic peptide derived from human FCAR: 131-230/287.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

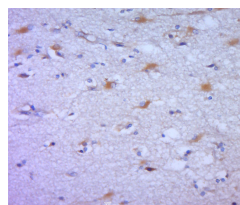
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Binds to the Fc region of immunoglobulins alpha. Mediates several functions including cytokine production.

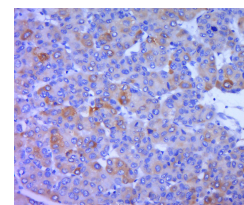
Tissue specificity; Isoform A.1, isoform A.2 and isoform A.3 are differentially expressed between blood and mucosal myeloid cells. Isoform A.1, isoform A.2 and isoform A.3 are expressed in monocytes. Isoform A.1 and isoform A.2 are expressed in alveolar macrophages; however only one isoform is expressed at alveolar macrophages surfaces.

**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (2ug/Test)**Reactivity:** Human, Rat**Predicted MW.:** 29 kDa**Subcellular Location:** Secreted ,Cell membrane**VALIDATION IMAGES**

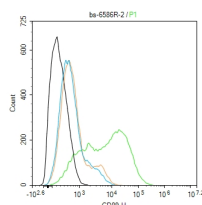
Sample: Lane 1: Rat Liver tissue lysates Lane 2: Rat H9C2 cell lysates Lane 3: Human LOVO cell lysates Lane 4: Human K562 cell lysates Lane 5: Human HL-60 cell lysates Primary: Anti-FCAR/CD89 (bs-6586R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 29 kDa Observed band size: 50 kDa



Paraformaldehyde-fixed, paraffin embedded (human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FCAR) Polyclonal Antibody, Unconjugated (bs-6586R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FCAR) Polyclonal Antibody, Unconjugated (bs-6586R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Blank control: Jurkat. Primary Antibody (green line): Rabbit Anti-CD89 antibody (bs-6586R) Dilution: 2ug/Test; Secondary Antibody (white blue line) : Goat anti-rabbit IgG-FITC Dilution: 0.5ug/Test. Isotype control (orange line) : Normal Rabbit IgG Protocol The cells

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

were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.