



Rabbit Anti-FCAR/CD89 antibody

SL6586R

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| Product Name: | FCAR/CD89 |
| Chinese Name: | 免疫球蛋白A Fc段受体1抗体 |
| Alias: | CD89; Fc alpha receptor; FCAR; FCAR_HUMAN; IgA Fc receptor; Immunoglobulin alpha Fc receptor. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Rat, |
| Applications: | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 29kDa |
| Cellular localization: | The cell membraneSecretory protein |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human FCAR:131-230/287<Extracellular> |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| PubMed: | PubMed |
| Product Detail: | 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.

Subunit:

Associates with the Fc epsilon RI gamma 2 receptor inducing tyrosine phosphorylation of gamma 2.

Subcellular Location:

Isoform A.1: Cell membrane; Single-pass type I membrane protein.

Isoform A.2: Cell membrane; Single-pass type I membrane protein.

Isoform A.3: Cell membrane; Single-pass type I membrane protein.

Isoform B: Secreted.

Isoform B-delta-S2: Secreted.

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.

Similarity:

Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

SWISS:

P24071

Gene ID:

2204

Database links:

[Entrez Gene: 2204](#) Human

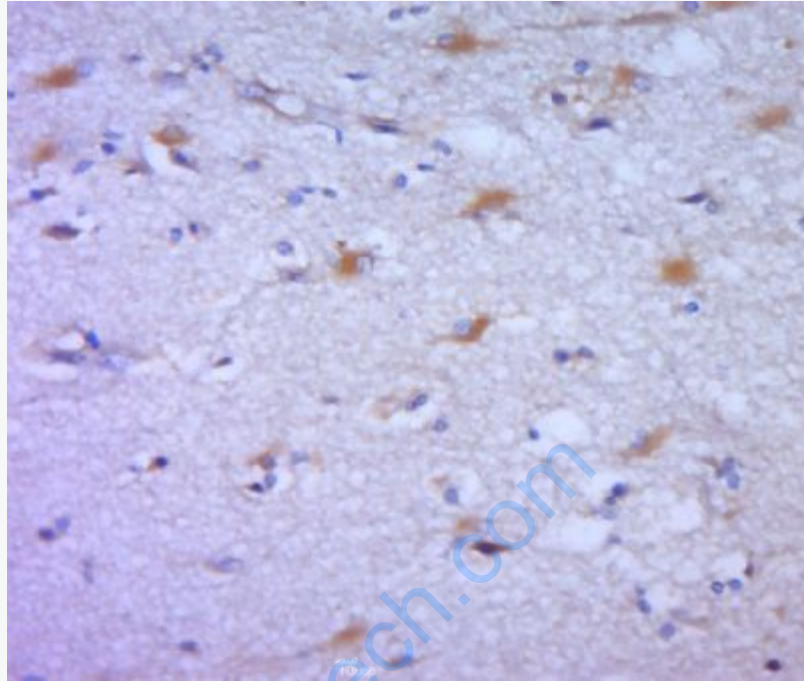
[Omim: 147045](#) Human

[SwissProt: P24071](#) Human

[Unigene: 659872](#) Human

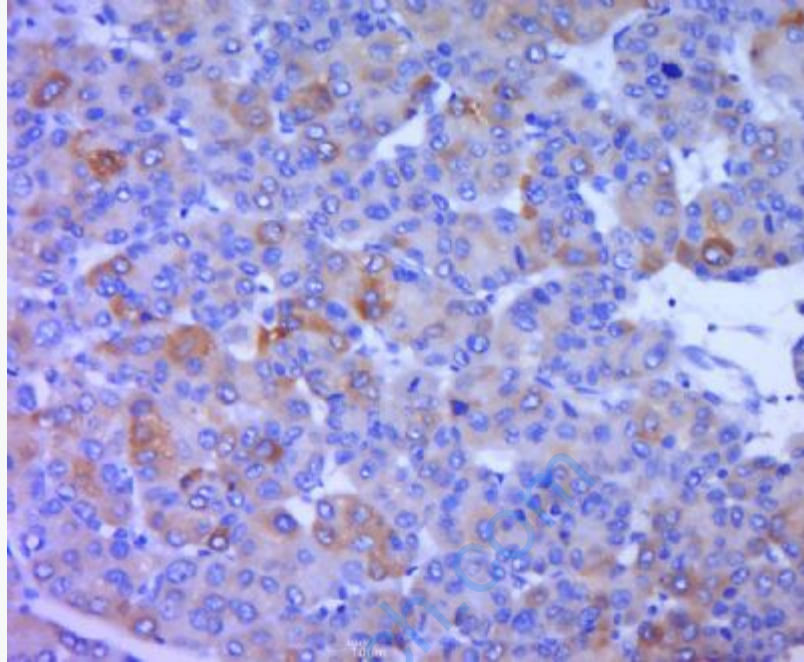
Important Note:

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

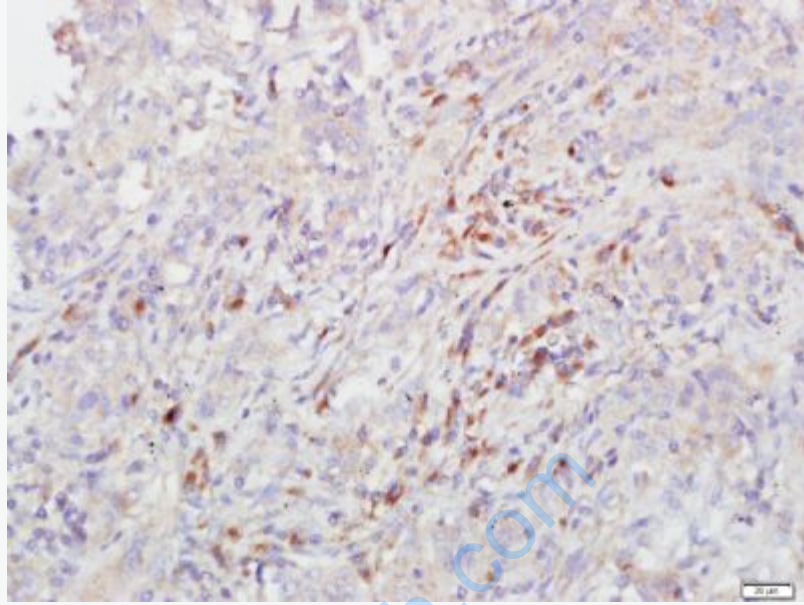


Picture:

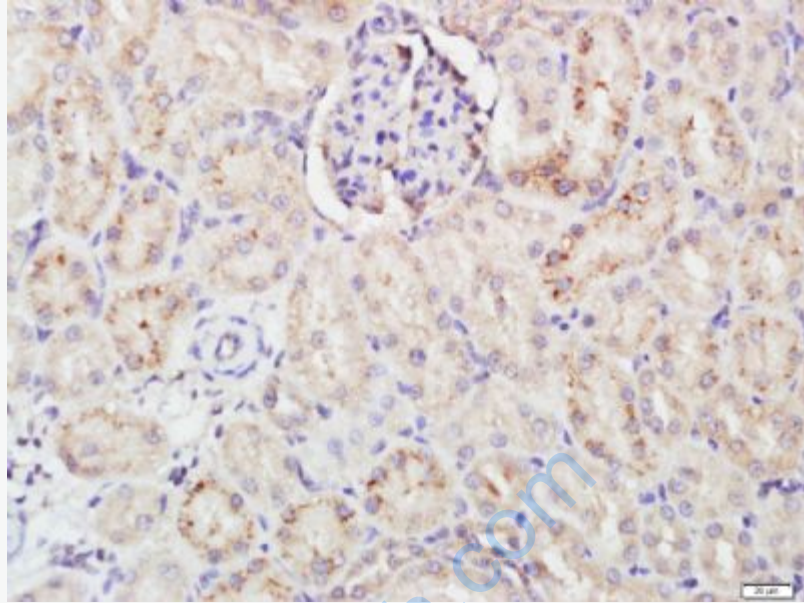
Paraformaldehyde-fixed, paraffin embedded (human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FCAR) Polyclonal Antibody, Unconjugated (SL6586R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



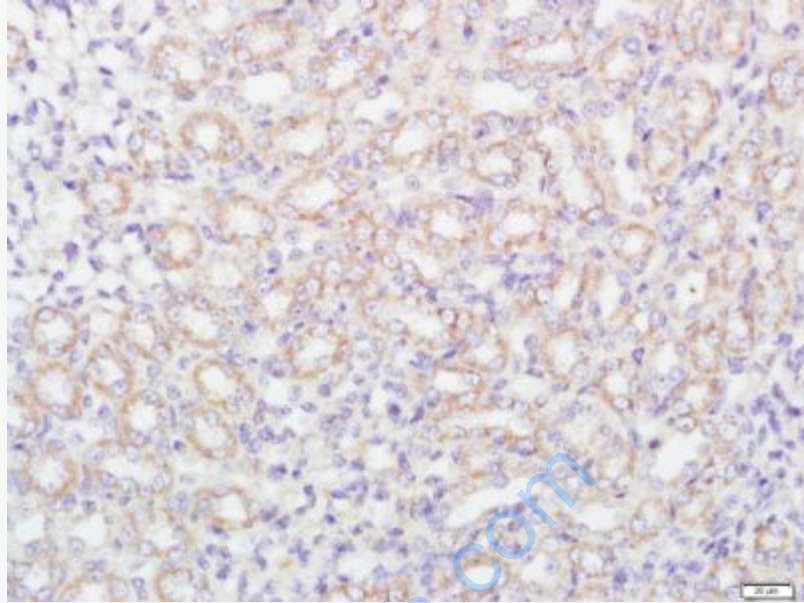
Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FCAR) Polyclonal Antibody, Unconjugated (SL6586R) 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 lung 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 (SL6586R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat kidney); 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 (SL6586R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat kidney); 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 (SL6586R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.