

# CD89 Polyclonal Antibody

Catalog # AP73751

## Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | WB, IHC-P, IF, ICC, E  |
| <b>Primary Accession</b> | <a href="#">P24071</a> |
| <b>Reactivity</b>        | Human, Rat, Mouse      |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | Polyclonal             |
| <b>Calculated MW</b>     | 32265                  |

## Additional Information

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|---------------------------|---|
| <b>Gene ID</b>            | 2204  |
| <b>Other Names</b>        | FCAR; CD89; Immunoglobulin alpha Fc receptor; IgA Fc receptor; CD89   |
| <b>Dilution</b>           | WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A |
| <b>Format</b>             | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.   |
| <b>Storage Conditions</b> | -20°C   |

## Protein Information

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|--------------------------|---|
| <b>Name</b>              | FCAR  |
| <b>Synonyms</b>          | CD89  |
| <b>Function</b>          | Binds to the Fc region of immunoglobulins alpha. Mediates several functions including cytokine production.  |
| <b>Cellular Location</b> | [Isoform A.1]: Cell membrane; Single-pass type I membrane protein [Isoform A.3]: Cell membrane; Single-pass type I membrane protein [Isoform B-delta-S2]: Secreted.   |
| <b>Tissue Location</b>   | 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 |

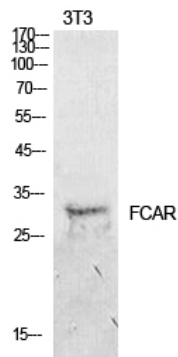
## Background

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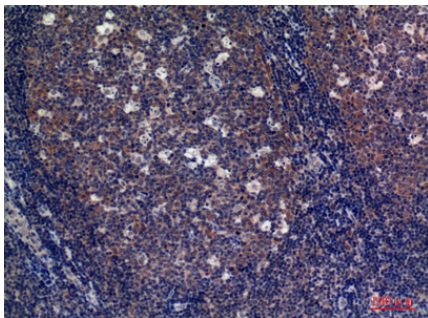
Binds to the Fc region of immunoglobulins alpha. Mediates several functions including cytokine production.

## Images

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Western Blot analysis of NIH-3T3 cells using CD89 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-tonsils, antibody was diluted at 1:100

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.