

## ARG22474 anti-EMR1 F4 / 80 antibody [Cl:A3-1] (FITC)

Package: 50 µg  
Store at: 4°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | FITC-conjugated Rat Monoclonal antibody [Cl:A3-1] recognizes EMR1 F4 / 80<br>This antibody recognizes the murine F4 / 80 antigen, a 160 kD cell surface glycoprotein, member of the EGF-TM7 family. |
| Tested Reactivity   | Ms  |
| Tested Application  | FACS, ICC/IF  |
| Host                | Rat   |
| Clonality           | Monoclonal  |
| Clone               | Cl:A3-1   |
| Isotype             | IgG2b   |
| Target Name         | EMR1 F4 / 80  |
| Species             | Mouse   |
| Immunogen           | Thioglycollate stimulated peritoneal macrophages from C57BL/6 mice.   |
| Conjugation         | FITC  |
| Alternate Names     | EGF-like module-containing mucin-like hormone receptor-like 1; EMR1 hormone receptor; EMR1; Adhesion G protein-coupled receptor E1; EGF-like module receptor 1; TM7LN3                              |

### Application Instructions

| Application table | Application | Dilution        |
|-------------------|-------------|-----------------|
|                   | FACS        | Neat - 1:10     |
|                   | ICC/IF      | Assay-dependent |

**Application Note** FACS: Use 10ul of the suggested working dilution to label 10<sup>6</sup> cells in 100ul  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

|                     |   |
|---------------------|---|
| Form                | Liquid  |
| Purification        | Purification with Protein G.  |
| Buffer              | PBS, 0.09% Sodium azide and 1% BSA.   |
| Preservative        | 0.09% Sodium azide  |
| Stabilizer          | 1% BSA  |
| Concentration       | 0.1 mg/ml   |
| Storage instruction | Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be |

gently mixed before use.

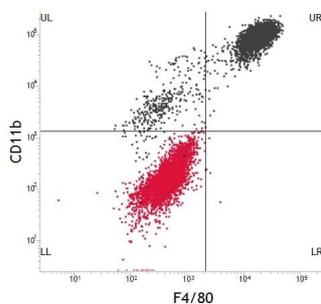
Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

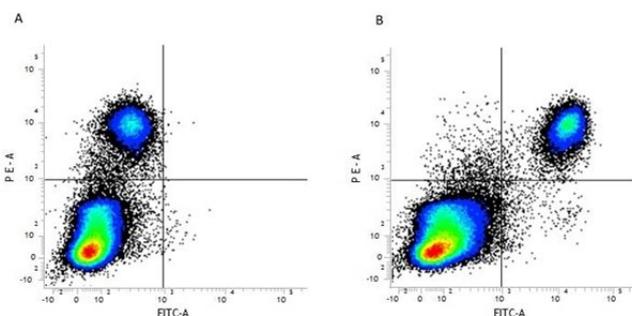
|                |   |
|----------------|---|
| Gene Symbol    | Adgre1  |
| Gene Full Name | adhesion G protein-coupled receptor E1  |
| Background     | EMR1 F4/80 has a domain resembling seven transmembrane G protein-coupled hormone receptors (7TM receptors) at its C-terminus. The N-terminus of the encoded protein has six EGF-like modules, separated from the transmembrane segments by a serine/threonine-rich domain, a feature reminiscent of mucin-like, single-span, integral membrane glycoproteins with adhesive properties. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012] |
| Function       | EMR1 F4/80: Orphan receptor involved in cell adhesion and probably in cell-cell interactions specifically involving cells of the immune system. May play a role in regulatory T-cells (Treg) development. [UniProt]   |
| Highlight      | Related products:<br><a href="#">EMR1 F4/80 antibodies</a> ; <a href="#">EMR1 F4/80 Duos / Panels</a> ; <a href="#">Anti-Rat IgG secondary antibodies</a> ;<br>Related news:<br><a href="#">Exploring Antiviral Immune Response</a>   |
| Research Area  | Mouse Inflammatory Cell Marker antibody; Macrophage Marker antibody   |
| Calculated Mw  | 98 kDa  |

## Images



ARG22474 anti-EMR1 F4/80 antibody [Cl:A3-1] (FITC) FACS image

Flow Cytometry: FSC/SSC gated Mouse peritoneal macrophages dual stained with ARG22474 anti-EMR1 F4/80 antibody [Cl:A3-1] (FITC) at a 1:5 dilution and anti-CD11b at 1:5 dilution. Isotype control pair in red.



ARG22474 anti-EMR1 F4/80 antibody [Cl:A3-1] (FITC) FACS image

Flow Cytometry: Murine peritoneal macrophages. Figure A. RPE conjugated Mouse anti Mouse CD14 and FITC conjugated Rat IgG2b isotype control. Figure B. RPE conjugated Mouse anti Mouse CD14 and ARG22474 anti-EMR1 F4/80 antibody [Cl:A3-1] (FITC).