

## Hamster EMR1 Monoclonal Antibody | anti-EMR1 antibody

HAMSTER ANTI HUMAN EMR1

|                              |                        |                                                         |
|------------------------------|------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA50227</b> | HOST<br><b>Hamster</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay</b> |
|------------------------------|------------------------|---------------------------------------------------------|

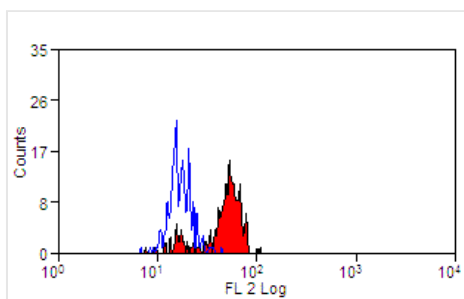
### PRODUCT SYNONYMS

EMR1; Monoclonal Antibody; HAMSTER ANTI HUMAN EMR1; anti-EMR1 antibody

### PRODUCT SPECIFICATIONS

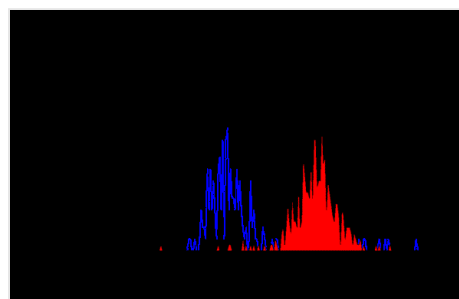
|                                                |                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Hamster                                                                                                                                                                                                                                                                                                                                                        |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                                                                                                                                     |
| Isotype                                        | IgG                                                                                                                                                                                                                                                                                                                                                            |
| Clone Number                                   | A10                                                                                                                                                                                                                                                                                                                                                            |
| Form/Format                                    | Purified<br>Purified IgG - liquid                                                                                                                                                                                                                                                                                                                              |
| Concentration                                  | IgG concentration 1.0mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                     |
| Sequence Length                                | 867                                                                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for anti-EMR1 antibody | FCM/FACS (Flow Cytometry)                                                                                                                                                                                                                                                                                                                                      |
| Perservative Stabilisers                       | 0.09% Sodium Azide (NaN <sub>3</sub> )<br>Preparation                                                                                                                                                                                                                                                                                                          |
| Immunogen                                      | Fibroblast cell line ARH102 expressing CD97-EMR1 (EGF1-6)<br>Fusion Partners                                                                                                                                                                                                                                                                                   |
| Target Species                                 | Human                                                                                                                                                                                                                                                                                                                                                          |
| Preparation and Storage                        | Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.<br>Shelf Life: 18 months from date of despatch. |

### IMAGES



#### Application Data

Human eosinophils stained with Hamster anti Human EMR1:RPE



#### Application Data

Human eosinophils stained with Hamster anti Human EMR1 (AAA50227) followed by Goat anti Hamster IgG:Biotin and Streptavidin:RPE

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-EMR1 antibody | Hamster anti Human EMR1 antibody, clone A10 recognizes human EMR1 (EGF-like module containing, mucin-like, hormone receptor-like 1). EMR1 is a seven-span transmembrane protein which is a member of the EGF-TM7 family of receptors. EMR1 is the human ortholog of murine F4/80 but unlike F4/80, the expression of EMR1 in humans is restricted to eosinophils and is not expressed on macrophage populations. The detailed structure and function of EMR1 is still unknown. |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 372266078                                                                                                                                                                                  |
| NCBI GeneID                      | 2015                                                                                                                                                                                       |
| NCBI Accession #                 | NP_001243181.1                                                                                                                                                                             |
| NCBI GenBank Nucleotide #        | NM_001256252.1                                                                                                                                                                             |
| UniProt Accession #              | Q14246; Q2I7G5; Q6ZMN0; Q8NGA7; A6NHV2; B7Z486; B7Z489; E7EPX9; E9PD45; H9KV79                                                                                                             |
| Molecular Weight                 | 82,771 Da                                                                                                                                                                                  |
| NCBI Official Full Name          | EGF-like module-containing mucin-like hormone receptor-like 1 isoform 2                                                                                                                    |
| NCBI Official Synonym Full Names | egf-like module containing, mucin-like, hormone receptor-like 1                                                                                                                            |
| NCBI Official Symbol             | EMR1                                                                                                                                                                                       |
| NCBI Official Synonym Symbols    | TM7LN3                                                                                                                                                                                     |
| NCBI Protein Information         | EGF-like module-containing mucin-like hormone receptor-like 1; EGF-like module receptor 1; EMR1 hormone receptor; egf-like module containing, mucin-like, hormone receptor-like sequence 1 |
| UniProt Protein Name             | EGF-like module-containing mucin-like hormone receptor-like 1                                                                                                                              |
| UniProt Gene Name                | EMR1                                                                                                                                                                                       |
| UniProt Synonym Gene Names       | TM7LN3                                                                                                                                                                                     |
| UniProt Entry Name               | EMR1_HUMAN                                                                                                                                                                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/emr1-antibody-clone-a10-flow-cytometry-elisa/50227>