# Ephrin-A4 (EFNA4) Antibody – Polyclonal

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product Name** | Ephrin-A4 (EFNA4), Polyclonal Antibody |
| **Full Product Name** | Ephrin-A4 Polyclonal Antibody |
| **Product Gene Name** | anti-EFNA4 antibody |
| **Clonality** | Polyclonal |
| **Molecular Weight** | 22,584 Da |
| **OMIM** | 601380 |
| **3D Structure** | ModBase 3D Structure for P52798 |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for anti-EFNA4 antibody** | MBS8522573 is an antibody targeting EFNA4. Also known as Ephrin-A4 Polyclonal Antibody. |
| **Other Notes** | Small volumes of anti-EFNA4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EFNA4. It may not necessarily be applicable to this product.

| | |
|---|---|
| **NCBI GI #** | 4885197 |
| **NCBI GeneID** | 1945 |
| **NCBI Accession #** | NP_005218.1 |
| **UniProt Primary Accession #** | P52798 |
| **UniProt Secondary Accession #** | O95457; Q5SR71; Q6FI57; C9JHJ8; G3XAK2 |
| **UniProt Related Accession #** | P52798 |
| **GenBank Nucleotide #** | NM_005227.2 |
| **NCBI Official Full Name** | ephrin-A4 isoform a |
| **NCBI Official Synonym Full Names** | ephrin A4 |
| **NCBI Official Symbol** | EFNA4 |
| **NCBI Official Synonym Symbols** | EFL4; EPLG4; LERK4 |
| **UniProt Protein Name** | Ephrin-A4 |
| **UniProt Synonym Protein Names** | EPH-related receptor tyrosine kinase ligand 4; LERK-4 |
| **Protein Family** | Ephrin |
| **UniProt Gene Name** | EFNA4 |
| **UniProt Synonym Gene Names** | EPLG4; LERK4; LERK-4 |
| **NCBI Protein Information** | ephrin-A4 |

| | |
|---|---|
| **NCBI Summary for EFNA4** | This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNA class ephrin. Three transcript variants that encode distinct proteins have been identified. [provided by RefSeq, Jul 2008] |
| **UniProt Comments for EFNA4** | Cell surface GPI-bound ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. May play a role in the interaction between activated B-lymphocytes and dendritic cells in tonsils. |
| **Research Articles on EFNA4** | **1.** Study present for the first time in vitro and in vivo evidence suggesting that the major role of two ephrin A4 isoforms in chronic lymphocytic leukemia could be related with a non-previously described mechanism of survival linked to extravasation strongly dependent on integrin signaling. |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
| **Disclaimer** | While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice.<br><br>It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information. |
| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

**MyBioSource** | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-antibody/ephrin-a4/8522573