

## Datasheet for ABIN1712718 **anti-MEGF10 antibody (PE)**



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### Overview

|              |                                                                                                                                                                |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                                                                         |
| Target:      | MEGF10                                                                                                                                                         |
| Reactivity:  | Human, Mouse, Rat                                                                                                                                              |
| Host:        | Rabbit                                                                                                                                                         |
| Clonality:   | Polyclonal                                                                                                                                                     |
| Conjugate:   | This MEGF10 antibody is conjugated to PE                                                                                                                       |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|               |                                                            |
|---------------|------------------------------------------------------------|
| Immunogen:    | KLH conjugated synthetic peptide derived from human MEGF10 |
| Isotype:      | IgG                                                        |
| Purification: | Purified by Protein A.                                     |

### Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | MEGF10                                                                                                                                                                                                                                                                                                                                                      |
| Alternative Name: | Megf10 ( <a href="#">MEGF10 Products</a> )                                                                                                                                                                                                                                                                                                                  |
| Background:       | MEGF10 is a 1,140 amino acid protein encoded by the human gene MEGF10. MEGF10 belongs to the MEGF family and contains fifteen EGF-like domains and one EMI domain. The engulfment of dying cells is a specialized form of phagocytosis that is highly conserved across evolution and is mediated by the concerted action of several molecules. MEGF10 is an |

## Target Details

engulfment receptor protein that localizes to the plasma membrane in a punctuated pattern. The MEGF10 protein shares structural similarities with nematode engulfment receptor cell death abnormal-1 (CED-1). MEGF10 function is modulated by the ATP binding cassette transporter ABCA1, which is an ortholog to CED-7. It is expressed at the cell surface in clusters around cell corpses during engulfment, and during the engulfment of apoptotic thymocytes is recruited to the bottom of the forming phagocytic cup.

Synonyms: MEG10\_HUMAN, MEGF protein, megf10, Multiple EGF-like domains protein 10, multiple EGF-like-domains 10, Multiple epidermal growth factor-like domains 10, Multiple epidermal growth factor-like domains protein 10.

Subcellular locations: Extracellular

|           |                                                           |
|-----------|-----------------------------------------------------------|
| Gene ID:  | 84466                                                     |
| Pathways: | <a href="#">Regulation of Muscle Cell Differentiation</a> |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Excitation/Emission: 480,565nm/578nm                               |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 µg/µL                                                                                                                |
| Buffer:            | Aqueous buffered solution containing 100 µg/mL BSA, 50 % glycerol and 0.09 % sodium azide.                             |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                                 |
| Storage Comment:   | Store at 4 °C for 12 months.                                                                                           |
| Expiry Date:       | 12 months                                                                                                              |