

# Human LRTM1 Alexa Fluor® 350-conjugated Antibody

Recombinant Monoclonal Rabbit IgG Clone # 2381D  
Catalog Number: FAB10046U  
100 µg

## DESCRIPTION

|                           |                                                                                                                                                                                                                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species Reactivity</b> | Human                                                                                                                                                                                                                                                                                                                            |
| <b>Specificity</b>        | Detects human LRTM1 in direct ELISAs.                                                                                                                                                                                                                                                                                            |
| <b>Source</b>             | Recombinant Monoclonal Rabbit IgG Clone # 2381D                                                                                                                                                                                                                                                                                  |
| <b>Purification</b>       | Protein A or G purified from cell culture supernatant                                                                                                                                                                                                                                                                            |
| <b>Immunogen</b>          | Synthetic peptide containing human LRTM1<br>Accession # Q9HBL6                                                                                                                                                                                                                                                                   |
| <b>Conjugate</b>          | Alexa Fluor 350<br>Excitation Wavelength: 346 nm<br>Emission Wavelength: 442 nm                                                                                                                                                                                                                                                  |
| <b>Formulation</b>        | Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.<br><br>*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions. |

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the Technical Information section on our website.

|                       | <b>Recommended Concentration</b> | <b>Sample</b>                                                |
|-----------------------|----------------------------------|--------------------------------------------------------------|
| <b>Flow Cytometry</b> | 0.25-1 µg/10 <sup>6</sup> cells  | HEK293 Human Cell Line Transfected with Human LRTM1 and EGFP |

## PREPARATION AND STORAGE

|                                |                                                                                                                                                    |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shipping</b>                | The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.                                  |
| <b>Stability &amp; Storage</b> | <b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul> |

## BACKGROUND

LRTM1 belongs to the extracellular LRRs superfamily. LRTM1 is involved in positive regulation of synapse assembly and is an integral component of the membrane. LRTM1 has the highest expression level in pineal body.

## PRODUCT SPECIFIC NOTICES

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