

Datasheet for ABIN1437242  
**anti-ITM2A antibody (AA 73-123) (PE)**



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## Overview

|                      |                                              |
|----------------------|----------------------------------------------|
| Quantity:            | 100 µL                                       |
| Target:              | ITM2A                                        |
| Binding Specificity: | AA 73-123                                    |
| Reactivity:          | Human, Mouse, Rat                            |
| Host:                | Rabbit                                       |
| Clonality:           | Polyclonal                                   |
| Conjugate:           | This ITM2A antibody is conjugated to PE      |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS) |

## Product Details

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human ITM2A |
| Isotype:          | IgG                                                       |
| Cross-Reactivity: | Human, Mouse, Rat                                         |
| Purification:     | Purified by Protein A.                                    |

## Target Details

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Target:           | ITM2A                                                                                     |
| Alternative Name: | ITM2A ( <a href="#">ITM2A Products</a> )                                                  |
| Background:       | Synonyms: E25A, BRICD2A, Integral membrane protein 2A, Protein E25, ITM2A, UNQ603/PRO1189 |

## Target Details

Background: The type II integral membrane (ITM2) protein family consists of three members ITM2A (also designated E25), ITM2B and ITM2C. ITM2A expression is high in osteogenic and lymphoid tissues, while both ITM2B and ITM2C are expressed in brain. Mutations in the ITM2B gene can lead to familial British dementia (fbd), and autosomal dominant disease characterized by progressive dementia, spasticity, and cerebellar ataxia, or familial Danish dementia (fdd), an autosomal dominant disorder characterized by cataracts, deafness, progressive ataxia, and dementia. The ITM2A 263-amino acid protein contains an N-terminal cytosolic domain, an uncleaved signal anchor sequence, and a tyrosine-rich C-terminal domain. Human ITM2A shares 91 % homology with mouse ITM2A.

Gene ID: 9452

UniProt: [O43736](#)

## Application Details

Application Notes: FCM 1:20-100

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months