

## bs-0021M-PE

### • Mouse Anti-ERAB/HSD17B10 Polyclonal Antibody, PE conjugated

Conjugated Primary Antibodies

#### Background:

ERAB is a member of the short-chain dehydrogenase/reductase superfamily. This mitochondrial protein catalyzes the oxidation of a wide variety of fatty acids, alcohols, and steroids. It has been implicated in the development of Alzheimer's disease, and mutations in the gene are the cause of 2-methyl-3-hydroxybutyryl-CoA dehydrogenase deficiency (MHBD, a disorder characterized by neurological abnormalities, including psychomotor retardation and loss of mental and motor skills). Several alternatively spliced transcript variants have been identified, but the full-length nature of only two transcript variants has been determined. Abundant in human liver, kidney and gonads, but it is present in only negligible amounts in skeletal muscle. At the sub-cellular level, in normal tissues, this protein is located in mitochondria. It is over-expressed in Neurons of patients with Alzheimer's disease.

**Purification:** Was purified by Protein A and peptide affinity chromatography.

#### Storage:

Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year. Protect from light.

#### Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

**Size:** 100ul or 100ug lyophilized

**Concentration:** 1ug/uL

**Host:** Mouse

**Reactivities:** Human, Mouse, Rat,

#### Application:

- IF (1:100-500)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

**Antibody Type:** Polyclonal

**Isotype:** IgG

**Molecular Weight:** 21kDa

#### Preservatives:

10ug/uL BSA and 0.1% NaN<sub>3</sub>.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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