

## Recombinant TSFM Monoclonal Antibody

catalog number: **AN300773L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

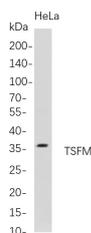
### Description

|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human   |
| <b>Immunogen</b>    | Recombinant Human TSFM protein                                  |
| <b>Host</b>         | Rabbit  |
| <b>Isotype</b>      | IgG,k   |
| <b>Clone</b>        | B716  |
| <b>Purification</b> | Protein A   |
| <b>Buffer</b>       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

### Applications

| Applications  | Recommended Dilution |
|---------------|----------------------|
| <b>WB</b>     | 1:1000-5000          |
| <b>ICC/IF</b> | 1:100-300            |

### Data



Western Blot with Recombinant TSFM Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: HeLa whole cell lysate.

**Observed-MW:36 kDa**

### Preparation & Storage

|                 |   |
|-----------------|---|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag   |

### Background

This gene encodes a mitochondrial translation elongation factor. The encoded protein is an enzyme that catalyzes the exchange of guanine nucleotides on the translation elongation factor Tu during the elongation step of mitochondrial protein translation. Mutations in this gene are associated with combined oxidative phosphorylation deficiency-3 syndrome. Alternate splicing results in multiple transcript variants.

### For Research Use Only