

## Recombinant SRP72 Monoclonal Antibody

catalog number: **AN300783L**

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

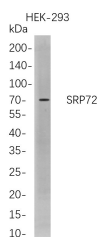
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human SRP72 protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG,k
<b>Clone</b>	B726
<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>IHC</b>	1:100-300
<b>ICC/IF</b>	1:100-300
<b>FC</b>	1:100-300

### Data



Western Blot with Recombinant SRP72 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: HEK-293 whole cell lysate.

**Observed-MW:74 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 the 72 kDa subunit of the signal recognition particle (SRP), a ribonucleoprotein complex that mediates the targeting of secretory proteins to the endoplasmic reticulum (ER). The SRP complex consists of a 7S RNA and 6 protein subunits: SRP9, SRP14, SRP19, SRP54, SRP68, and SRP72, that are bound to the 7S RNA as monomers or heterodimers. SRP has at least 3 distinct functions that can be associated with the protein subunits: signal recognition, translational arrest, and ER membrane targeting by interaction with the docking protein. Mutations in this gene are associated with familial bone marrow failure. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

### For Research Use Only

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