

## SEP70 (Squamous Epithelial Heat Shock Protein; MB-SEP70)

Catalogue No.	Pack Size
8013-2-20	20 µg
8013-2-100	100 µg

### **Product Description**

SEP70 (squamous epithelial heat shock protein 70) was discovered to be induced during heat shock stress of the human oesophageal squamous epithelium. SEP70 is expressed differently to HSP70 in heat shocked squamous epithelium and in glucose starved cultured cell lines, and is thought to belong to the glucose regulated family of stress proteins such as GRP78. SEP70 plays a protective role in tissue damage and has been reported to be downregulated in Barrett's epithelium, a pre-neoplastic cell type in the cancer progression sequence to adenocarcinoma.

#### References:

Yagui-Beltran et. al., 2001, Eur. J. Biochem. 268, 2001

### **Product Characteristics**

Characteristic	Information
Host species	Mouse
Type	Monoclonal
Isotype	IgG1
Clone name	MB-SEP70
Immunogen	Human stress protein SEP70
Species specificity	Human
Target Mw (kDa)	70

Supplied at 1mg/mL in 1x PBS with 0.01% sodium azide. Suitable for short term (2 – 3 months) storage at 4°C. Aliquot for long storage at -20oC. Avoid multiple freeze-thawing.

### **Product Application**

SEP70 has been tested to work for the following applications:

- Western Blotting (WB)
- Immunoprecipitation (IP)
- Immunohistochemistry (IHC)

Not tested for other applications.

Our recommended starting dilutions are:

1:1000 for WB and IHC. For IP, the user will need to determine the optimal dilution.

### **Technical support**

If you are experiencing difficulties with setting using the reagent, please contact our team with relevant information at [infoab@abasiabiolabs.com](mailto:infoab@abasiabiolabs.com)