

### 39-1036: Anti-Filensin Monoclonal Antibody (Clone: FIL-7B10)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	FIL-7B10
<b>Application :</b>	WB,IHC-F
<b>Reactivity :</b>	Human
<b>Gene :</b>	Bfsp1
<b>Gene ID :</b>	25394
<b>Uniprot ID :</b>	Q02435
<b>Alternative Name :</b>	Filensin; Beaded filament structural protein 1; Lens fiber cell beaded-filament structural protein CP 94; CP94; Bfsp1
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Human and bovine lens filament enriched fraction(plasma membrane-cytoskeleton complex).

#### Description

Filensin, also known as beaded filament structure protein 1, have two major component BFSP1 and BESP2. Filensin gene is mapped at 20p12.1-p11.23. The sequence of the predicted 665-amino acid human protein is 62% and 50% identical to those of bovine and chicken filensin, respectively. However, it has less than 26% identity to other members of the intermediate filament(IF) family.

#### Product Info

<b>Amount :</b>	100 µg/vial
<b>Purification :</b>	Ascites
<b>Content :</b>	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN <sub>3</sub> as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
<b>Storage condition :</b>	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

#### Application Note

Western blot : 1-2 µg/ml; Immunohistochemistry(Frozen Section) : 2-4 µg/ml