# **EPB42** Rabbit pAb

Catalog No.: A25689



### **Basic Information**

#### **Observed MW**

Refer to figures

#### **Calculated MW**

77kDa

#### Category

Primary antibody

#### **Applications**

IF/ICC,ELISA

#### **Cross-Reactivity**

Human, Mouse

### **Background**

Erythrocyte membrane protein band 4.2 is an ATP-binding protein which may regulate the association of protein 3 with ankyrin. It probably has a role in erythrocyte shape and mechanical property regulation. Mutations in the EPB42 gene are associated with recessive spherocytic elliptocytosis and recessively transmitted hereditary hemolytic anemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## **Recommended Dilutions**

IF/ICC

1:50 - 1:200

**ELISA** 

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

# **Immunogen Information**

Gene ID 2038 Swiss Prot P16452

# Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### **Synonyms**

PA; SPH5

### **Contact**

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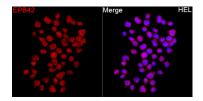
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Immunofluorescence analysis of HEL cells using EPB42 Rabbit pAb (A25689) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.