

#### DESCRIPTION

|                                                                                                                                                                                                         |                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>Species Reactivity</b>                                                                                                                                                                               | Human                                                                                          |
| <b>Specificity</b>                                                                                                                                                                                      | Detects human CIN85/SH3KBP1 in direct ELISAs.                                                  |
| <b>Source</b>                                                                                                                                                                                           | Monoclonal Mouse IgG <sub>2B</sub> Clone # 931308                                              |
| <b>Purification</b>                                                                                                                                                                                     | Protein A or G purified from hybridoma culture supernatant                                     |
| <b>Immunogen</b>                                                                                                                                                                                        | <i>E. coli</i> -derived recombinant human CIN85/SH3KBP1<br>Pro366-Lys665<br>Accession # Q96B97 |
| <b>Conjugate</b>                                                                                                                                                                                        | Alexa Fluor 350<br>Excitation Wavelength: 346 nm<br>Emission Wavelength: 442 nm                |
| <b>Formulation</b>                                                                                                                                                                                      | Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide                                   |
| *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions. |                                                                                                |

#### APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

**Western Blot** Optimal dilution of this antibody should be experimentally determined.

#### PREPARATION AND STORAGE

**Shipping** The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

**Stability & Storage** Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

#### BACKGROUND

Independently identified by several groups, SH3-domain kinase-binding protein 1 (SH3KBP1) is also known as CBL-interacting protein of 85 kDa (CIN85), CD2-binding protein 3 (CD2BP3) and human src family kinase-binding protein 1 (HSB1). SH3KBP1 is a widely expressed adaptor protein involved in regulating diverse signal transduction pathways, including endocytosis, lysosomal degradation, cell adhesion, stress response, cell morphology and cytoskeletal organization. The protein contains three N-terminal SH3 domains for complex assembly and a C-terminal coiled coil domain for oligomerization, separated by a proline-rich central region. Smaller known isoforms of SH3KBP1 lack one or more of the SH3 domains. Over amino acids (aa) 366-665, human SH3KBP1 shares 92% and 90% aa identity with mouse and rat SH3KBP1, respectively.

#### PRODUCT SPECIFIC NOTICES

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