

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CIN85/SH3KBP1 in direct ELISAs.
Source	Monoclonal Mouse IgG ₁ Clone # 931346
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human CIN85/SH3KBP1 Pro366-Lys665 Accession # Q96B97
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	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.

Immunocytochemistry 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.

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