

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human RBX1 in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 1076128
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>Spodoptera frugiperda</i> , Sf 21 (baculovirus)-derived human CUL1/RBX1 Complex Met1-His108 Accession # P62877
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.

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

RBX1 is a constitutively expressed RING-box protein that interacts with cullins. The human RBX1 gene consists of 5 exons and 4 introns and encodes 108 amino acids with a molecular weight of about 14kda. It is a major component of E3 ubiquitin ligase. A characteristic feature of RBX1 structure is that it contains a RING-H2 finger domain at the carboxyl terminus. RBX1 is overexpressed in many primary tumors and is associated with overall survival and lymph node metastasis. In humans, RBX1 has high expression in the heart, skeletal muscle, and testis with less expression in the brain, lung, kidney, and placenta.

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