

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse THAP11 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2A} Clone # 605383
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived THAP11 Gly226-Met314 Accession # Q96EK4
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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.

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

THAP11, also known as Ronin, is a 36-44 kDa member of the thanatos-associated protein family. It is ubiquitously expressed and through its repression of c-Myc transcription, blocks cell proliferation. Human THAP11 is 314 amino acids (aa) in length. It contains a DNA-binding THAP zinc-finger domain (aa 5-81), an NLS (aa 98-104), a polyGln region (aa 104-146), an Ala-rich segment (aa 197-221) and a C-terminal coiled-coil region (aa 255-305). THAP11 is phosphorylated on Thr25. Over aa 226-314, human and mouse THAP11 are 100% identical in amino acid sequence.

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