

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

RAN-GTP

Anti-RanGTP Mouse Monoclonal Antibody

Cat.#: 26915 Size: 30 µL

Gene Symbol: RAN

Description: Anti-Ran-GTP Mouse Monoclonal Antibody

Background: Ran (Ras-related nuclear protein) is a member of the Ras-superfamily GTPases. Ran is involved in the transport of proteins across the nuclear envelope, as well as in microtubule organization during mitosis.

Immunogen: Recombinant full length protein of active Ran.

Applications: IP, IHC and IF (Not applicable for WB since SDS denatures

Ran GTPase

Published Applications: IP, IHC and IF - Click for Details

Recommended Dilutions:

IP: 1 µg for 1~2 mg total cellular proteins

IHC, IF: 1:50-1:250

Concentration: 1 mg/ml

Host Species: Mouse

Format: Liquid

Clonality: Monoclonal

Isotype: IgG

Purity: Purified from ascites

Preservative: No

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 50%

glycerol

Species Reactivity: Anti-Ran-GTP monoclonal antibody recognizes active

Ran of vertebrates.

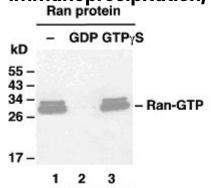
Storage Conditions: Store at -20°C. Avoid freeze/thaw cycles



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Immunoprecipitation/Western blot:



IP: anti-active Ran mAb

WB: anti-Ran pAb Ran Activation Assay.

Purified Ran proteins were loaded as a control (lanes 1) or immunoprecipitated after treated with GDP (lane 2) or GTPγS (lane 3). Immunoprecipitation was done with the anti-Ran-GTP monoclonal antibody (Cat. No. 26915). Immunoblot was with an anti-Ran polyclonal antibody.