

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects human, mouse, and rat RalA in Western blots. In Western blots, no cross-reactivity with recombinant human RalB is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 399527
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human RalA Met1-Leu206 Accession # P11233
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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.

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

The Ras-like proteins RalA and RalB share 85% identity and constitute a grouping within the Ras superfamily of small GTPases. Like other GTPases, Ral proteins transduce signals by cycling between an active GTP-bound and an inactive GDP-bound state. Ral functions as an effector of Ras-mediated signaling, and has been implicated in the regulation of vesicle trafficking and cell morphology.

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