

DESCRIPTION

Species Reactivity	Human
Specificity	The antibody detects endogenous human MSP R/Ron phosphorylated at Y1238/Y1239 using Western blots.
Source	Polyclonal Rabbit IgG
Purification	Antigen and protein A Affinity-purified
Immunogen	Phosphopeptide containing human MSP R/Ron Y1238/Y1239 sites
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.

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

Macrophage stimulating protein receptor (MSP R), also known as Ron, is one of a small family of receptor tyrosine kinases (RTKs) that also includes human Met and chicken Sea. Each family member is synthesized as a single-chain precursor that is cleaved into a mature disulfide-linked heterodimer composed of an extracellular α chain and a membrane-spanning β chain with intrinsic tyrosine kinase activity. MSP R/Ron is overexpressed in a number of primary breast carcinomas and non-small cell lung carcinomas, suggesting a role for this RTK in mammary and lung tumor progression. Phosphorylation of MSP R/Ron at Y1238/Y1239 in the activation loop of the kinase domain is responsible for kinase activity.

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