

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse STAT5a. Does not cross-react with STAT5b.
Source	Monoclonal Mouse IgG ₃ Clone # 251619
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human STAT5a synthetic peptide SLDSRLSPAGLFTSARGSL Accession # NP_003143
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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

STAT family proteins mediate cytokine signaling by acting as signal transducers in the cytoplasm and transcription activators in the nucleus. STAT5a and STAT5b are encoded by separate genes and share 93% amino acid identity.

PRODUCT SPECIFIC NOTICES

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