

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse Myocardin in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 355521
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human Myocardin Met97-Leu290 Accession # Q8IZQ8
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 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

Myocardin (MYOCD) is a transcriptional co-activator necessary for differentiation of smooth muscle cells. MYOCD functions by binding the transcription factor Serum Response Factor (SRF) and stimulating smooth muscle cell-specific gene expression.

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