

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects endogenous human and mouse JunD in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 512709
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human JunD Lys47-Gly156 Accession # CAA40010
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.

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

JunD is a member of the Jun family of nuclear transcription factors. It dimerizes with other Jun or Fos family members to form the AP1 transcription factor. Unlike c-Jun or JunB, JunD antagonizes Ras transformation and accumulates as cells enter quiescence. JunD is a 347 amino acid (aa), 39 kDa protein (JunD-FL) that has a 303 aa, 34 kDa isoform (ΔJunD) which begins at aa 44. Over the sequence used as an immunogen, human JunD shares 72% aa identity with mouse and rat JunD.

PRODUCT SPECIFIC NOTICES

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