

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human JunB in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) JunD or rhc-Jun is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 512313
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -driven recombinant human JunB Asp145-Val246 (predicted) Accession # P17275
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

JunB is a member of the bzip Jun family of transcription factors. JunB binds as a homo or heterodimer, with other members of the Jun/Fos family, to the DNA element TGA[CG]TCA. Knock out mice indicate that JunB is involved in erythroid differentiation and hematopoietic stem cell viability.

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