

DESCRIPTION

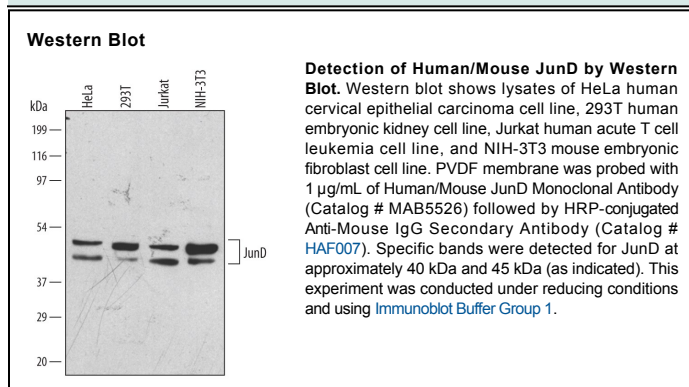
Species Reactivity	Human/Mouse
Specificity	Detects endogenous human and mouse JunD in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 512709
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human JunD Lys47-Gly156 Accession # CAA40010
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

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.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.