

DESCRIPTION

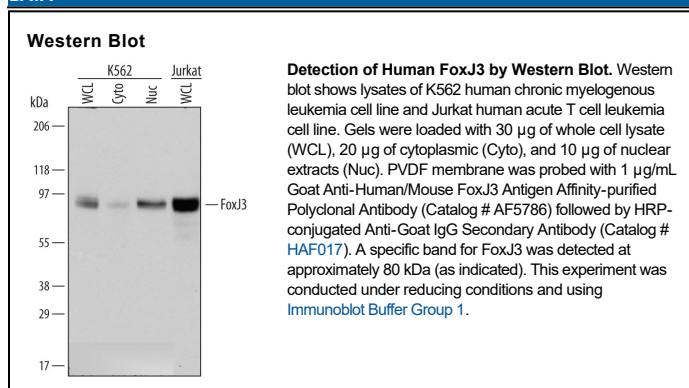
Species Reactivity	Human/Mouse
Specificity	Detects human and mouse FoxJ3 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human FoxJ3 Met375-Tyr552 Accession # NP_055762
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or 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 0.2 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

FoxJ3 (Forkhead box protein J3) is a 69 kDa (predicted) nuclear protein that is a Class 1 member of the Fox family of transcription factors. It is expressed in embryonic neuroectoderm, neural crest and somitic condensations, and is suggested to participate in terminal tissue differentiation. Human FoxJ3 is 622 amino acids (aa) in length. It contains one forkhead DNA binding region (aa 77-168) plus a phosphorylation site at Ser223. There are two potential splice variants. One shows a deletion of aa 177-210, while a second shows a 12 aa substitution for aa 177-622. Over aa 375-552, human FoxJ3 shares 93% aa identity with mouse FoxJ3.