

DESCRIPTION

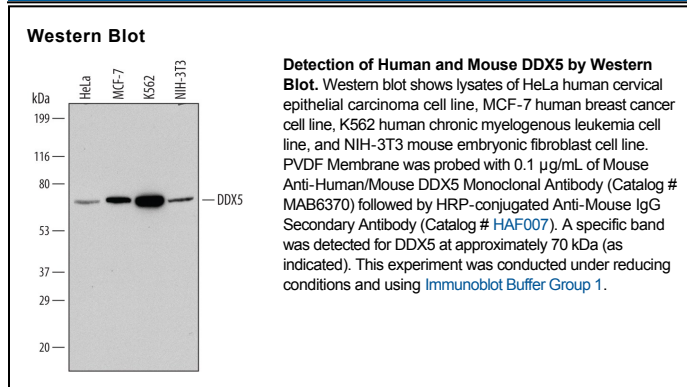
Species Reactivity	Human/Mouse
Specificity	Detects human and mouse DDX5 in Western blots.
Source	Monoclonal Mouse IgG _{2A} Clone # 632813
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human DDX5 Asn448-Gln614 Accession # P17844
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	0.1 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

DDX5, also known as p68 RNA helicase, is a 614 amino acid (aa), 68 kDa member of the DEAD box family of RNA helicases that contain the conserved Asp-Glu-Ala-Asp (DEAD) motif. DDX5 influences RNA transport, transcription, ribosome assembly, spliceosome function, RNA degradation, and the initiation of translation. DDX5 shares 87% aa identity with DDX17 within the central region and the two are often expressed together. The C-terminal region used as an immunogen shares 96% and 99% aa identity with mouse and rat DDX5, respectively, but lies mainly outside the DDX17 homology region.