

Human Phospho-p38α (T180/Y182) Antibody

Monoclonal Mouse IgG_{2A} Clone # 696602

Catalog Number: MAB8691

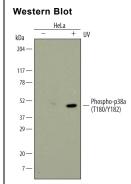
DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human p38α when phosphorylated at T180 and Y182.
Source	Monoclonal Mouse IgG _{2A} Clone # 696602
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Phosphopeptide containing the human p38α T180/Y182 site Accession # Q16539
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



Detection of Human Phospho-p38a (T180/Y182) by Western Blot. Western blot shows lysates of HeLa human cervical epithelial carcinoma cell line untreated (-) or treated (+) with 20 mJ/cm² ultraviolet light (UV) followed by a 30 minute recovery. PVDF membrane was probed with 1 µg/mL of Mouse Anti-Human Phospho-p38a (T180/Y182) Monoclonal Antibody (Catalog # MAB8691) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF007). A specific band was detected for Phospho-p38a (T180/Y182) at approximately 45 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

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Reconstitution Sterile PBS to a final concentration of 0.5 mg/mL

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

- 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.



