

Product Datasheet

FAK Family Antibody Pack

NBP3-20206

Unit Size: 9 Vials

Storage is content dependent.

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NBP3-20206**FAK Family Antibody Pack**

Product Information	
Unit Size	9 Vials
Concentration	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
Storage	Storage is content dependent.

Product Description	
Description	This pack contains 1 vial each of: AF4589-SP (25 ug), AF4589-SP (25 ug), MAB44671-SP (25 ug), MAB4528-SP (25 ug), AF4467-SP (25 ug), MAB6210-SP (25 ug), MAB7298-SP (1 mL), HAF007 (1 mL), HAF016 (1 mL).
Species	Human
Reactivity Notes	Antibodies in this pack are validated for use in the following species: AF4589: Human MAB44671: Human MAB4528: Human AF4467: Human, Mouse, Rat MAB6210: Human MAB7298: Human HAF007: Mouse HAF016: Sheep HAF005: Rat
Immunogen	See individual datasheets.
Kit Components	AF4589-SP, MAB44671-SP, MAB4528-SP, AF4467-SP, MAB6210-SP, MAB7298-SP, HAF007: Goat anti-Mouse IgG Secondary Antibody [HRP], HAF016: Donkey anti-Sheep IgG Secondary Antibody [HRP], HAF005: Goat anti-Rat IgG Secondary Antibody [HRP]

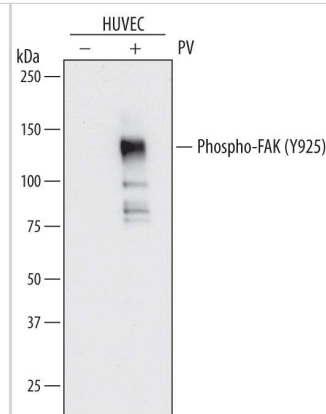
Product Application Details	
Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot, Immunohistochemistry
Application Notes	Antibodies in this pack are validated for the following applications: AF4589: Immunohistochemistry, Western Blot MAB44671: Western Blot MAB4528: Western Blot AF4467: Immunohistochemistry, Knockout Validated, Western Blot MAB6210: Simple Western, Western Blot MAB7298: Western Blot HAF007: Immunohistochemistry, Western Blot HAF016: Immunohistochemistry, Simple Western, Western Blot HAF005: ELISA, Immunohistochemistry, Simple Western, Western Blot

Images

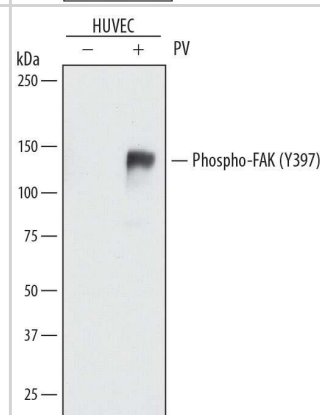
Western blot shows lysates of human brain tissue, Daudi human Burkitt lymphoma, and A549 human lung carcinoma cells. PVDF membrane was probed with 1 µg/mL of Human PYK2/FAK2 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF4589) followed by HRP-conjugated Anti-Sheep IgG Secondary Antibody (Catalog # HAF016). A specific band was detected for PYK2/FAK2 at approximately 116 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.



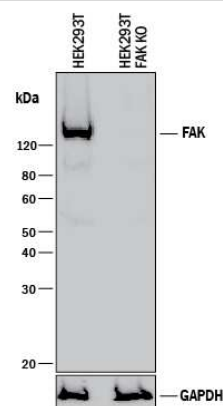
Western blot shows lysates of HUVEC human umbilical vein endothelial cells untreated (-) or treated (+) with 1 mM Pervanadate (PV) for 5 minutes. PVDF membrane was probed with 0.5 µg/mL of Mouse Anti-Human Phospho-FAK (Y925) Monoclonal Antibody (Catalog # MAB44671) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF007). A specific band was detected for Phospho-FAK (Y925) at approximately 125 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.



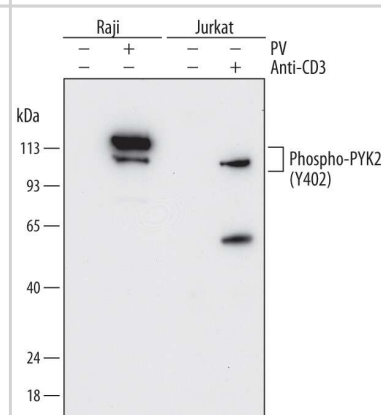
Western blot shows lysates of HUVEC human umbilical vein endothelial cells untreated (-) or treated (+) with 0.1 mM Pervanadate (PV) for 10 minutes. PVDF membrane was probed with 0.5 µg/mL of Rat Anti-Human Phospho-FAK (Y397) Monoclonal Antibody (Catalog # MAB4528) followed by HRP-conjugated Anti-Rat IgG Secondary Antibody (Catalog # HAF005). A specific band was detected for Phospho-FAK (Y397) at approximately 150 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.



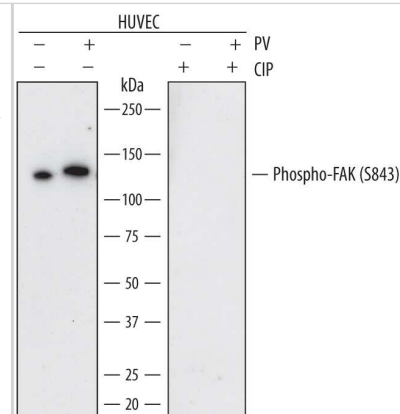
Western blot shows lysates of HEK293T human embryonic kidney parental cell line and FAK knockout HEK293T cell line (KO). PVDF membrane was probed with 1 µg/mL of Sheep Anti-Human/Mouse/Rat FAK Antigen Affinity-purified Polyclonal Antibody (Catalog # AF4467) followed by HRP-conjugated Anti-Sheep IgG Secondary Antibody (Catalog # HAF016). A specific band was detected for FAK at approximately 135 kDa (as indicated) in the parental HEK293T cell line, but is not detectable in knockout HEK293T cell line. GAPDH (Catalog # AF5718) is shown as a loading control. This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.



Western blot shows lysates of Raji human Burkitt's lymphoma cell line and Jurkat human acute T cell leukemia cell line untreated (-) or treated (+) with 1 mM Pervanadate (PV) for 30 minutes and 10 µg/mL Mouse Anti-Human CD3e Monoclonal Antibody (Catalog # MAB100) for 15 minutes. PVDF membrane was probed with 0.5 µg/mL of Mouse Anti-Human Phospho-PYK2/FAK2 (Y402) Monoclonal Antibody (Catalog # MAB6210) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF018). Specific bands were detected for Phospho-PYK2/FAK2 (Y402) at approximately 105-115 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.



Western blot shows lysates of HUVEC human umbilical vein endothelial cells untreated (-) or treated (+) with 1 mM Pervanadate (PV) 5 minutes and 300 U/mL CIP for 1 hour. PVDF membrane was probed with 0.5 µg/mL of Mouse Anti-Human Phospho-FAK (S843) Monoclonal Antibody (Catalog # MAB7298) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF007). A specific band was detected for Phospho-FAK (S843) at approximately 125 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Antibody Packs are guaranteed for 1 year from date of receipt.

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