

Product Datasheet

14-3-3 beta/alpha Antibody (6F6) NBP3-26247-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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NBP3-26247-100ul

14-3-3 beta/alpha Antibody (6F6)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6F6
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
Product Description	
Host	Rabbit
Gene ID	7529
Gene Symbol	YWHAB
Species	Human, Mouse, Rat
Immunogen	A synthesized peptide derived from Human 14-3-3 beta/alpha [UniProt P31946]
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:200, ELISA, Immunocytochemistry/ Immunofluorescence 1:50-1:200



Images

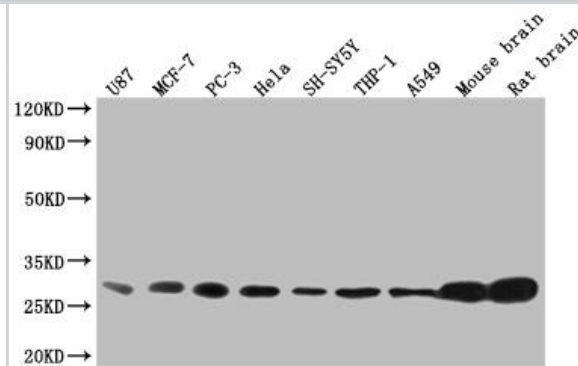
Western Blot: 14-3-3 beta/alpha Antibody (6F6) [NBP3-26247] - Positive Western Blot detected in: U87 whole cell lysate, MCF-7 whole cell lysate, PC3 whole cell lysate, Hela whole cell lysate, SH-SY5Y whole cell lysate, THP-1 whole cell lysate, A549 whole cell lysate, Mouse brain tissue, Rat brain tissue.

All lanes: 14-3-3 beta/alpha Antibody at 1: 2000

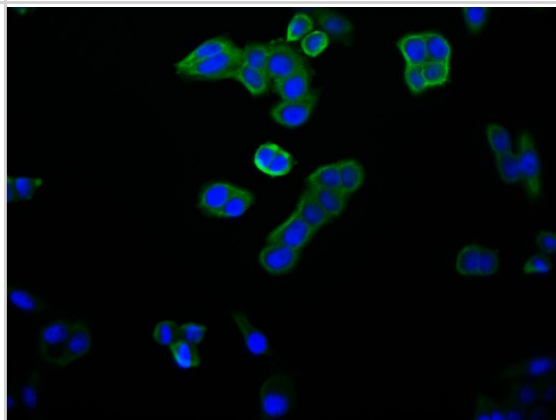
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 29, 28 kDa

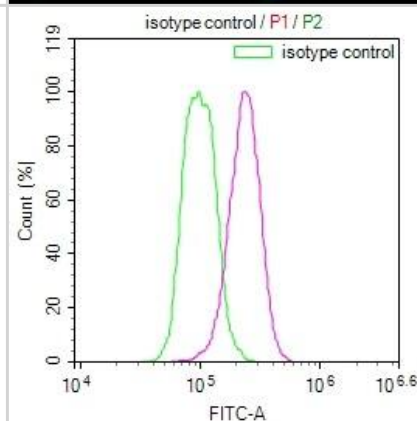
Observed band size: 25-35 kDa



Immunocytochemistry/Immunofluorescence: 14-3-3 beta/alpha Antibody (6F6) [NBP3-26247] - Staining of PC-3 cell with 14-3-3 beta/alpha Antibody (6F6) at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 494-conjugated Goat Anti-Rabbit IgG (H+L).



Flow Cytometry: 14-3-3 beta/alpha Antibody (6F6) [NBP3-26247] - Overlay Peak curve showing Hela cells stained with 14-3-3 beta/alpha Antibody (6F6) (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% Triton X-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶ cells) for 45min at 4C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG (H+L) at 1:200 dilution for 35min at 4C. Control antibody (green line) was rabbit IgG (1ug/1*10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.





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Products Related to NBP3-26247-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-59657-10ug	Recombinant Human 14-3-3 beta/alpha His Protein

Limitations

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

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