

AB-NN082-2

p53 Antibody

Pan-specific monoclonal antibody (Pab 1801) for monitoring the expression of human p53



KINEXUS

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Target Protein

Name Long:	Cellular tumour antigen p53
Alias:	P53, LFS1, TRP53, FLJ92943, TP53, p53 Tumor Suppressor, Phosphoprotein p53, TP53, Transformation related protein 53, TRP53, Tumor protein p53
UniProt ID:	P04637 - Human
Human Predicted Mass (kDa):	43.653 (393 AA; P04637-1); 39.320 (354 AA; P04637-4); 38.501 (346 AA; P04637-3); 37.862 (341 AA; P04637-2); 34.168 (307 AA; P04637-6); 33.493 (302 AA; P04637-5); 29.553 (261 AA; P04637-7); 23.726 (209 AA; P04637-8); 24.401 (214 AA; P04637-9)
Observed SDS-PAGE Mass (kDa):	53

Immunogen

Antibody Immunogen Source:	Fusion protein (Human), amino acids 46-53
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	168 IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC IP ELISA RIA FCM
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human
Antibody Positive Control:	1 µg/ml of SMC-183 was sufficient for detection of p53 in 10 µg of HeLa cell lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~53 kDa protein.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987