

AB-NN135-2

Acetylated Lysine Antibody

Pan-specific monoclonal antibody (7F8) for monitoring the acetylation of lysine residues in proteins



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	Acetylated Lysine
Alias:	Acetyl Lysine, Acetylated lysine, Lysine
UniProt ID:	N/A
Observed SDS-PAGE Mass (KDa):	Multiple proteins

Immunogen

Antibody Immunogen Source:	Acetylated KLH
-----------------------------------	----------------

Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	42 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 ICC/IF IP ELISA
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Species Independent. Bovine albumin and avian histones were tested.
Antibody Positive Control:	1µg of SMC-153 was sufficient to detect acetylated chicken erythrocyte histones (sodium butyrate-treated) using 20 µg total protein, on western blot by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects proteins containing acetylated lysine residues in ELISA and Western blots.
Antibody Specificity:	Very high
Antibody Cross Reactivities:	Does not detect non-acetylated lysine residues.

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