

AB-CN007-1

Nitrotyrosine Antibody

Generic monoclonal antibody (39B6) for monitoring the nitrosylation of tyrosine 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:	Nitrotyrosine
Alias:	Nitro tyrosine, 3-Nitrotyrosine
UniProt ID:	N/A
Observed SDS-PAGE Mass (KDa):	Many targets

Immunogen

Antibody Immunogen Source:	Hybridoma line 39B6
-----------------------------------	---------------------

Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	161 IgG2a
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 (1:1400); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat Dog
Antibody Positive Control:	0.7µg/ml of SMC-154 was sufficient for detection of 5 µg SIN-1 treated BSA by Western Blot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Recognizes 3-nitrotyrosine moieties.
Antibody Specificity:	Very high
Antibody Cross Reactivities:	No detectable cross-reactivity with non-nitrated tyrosine.

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