

DESCRIPTION

Specificity	Detects NucA nuclease in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 1028905
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived <i>s. marcescens</i> NucA nuclease Met1-Asn266 Accession # P13717
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

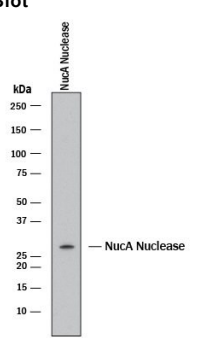
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	2 µg/mL	Recombinant NucA nuclease Protein
Simple Western	10 µg/mL	Recombinant NucA nuclease Protein

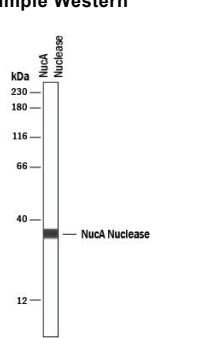
DATA

Western Blot



Detection of NucA nuclease by Western Blot. Western blot shows recombinant NucA nuclease protein. PVDF membrane was probed with 2 µg/mL of Mouse Anti-NucA nuclease Monoclonal Antibody (Catalog # MAB100633) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF018). A specific band was detected for NucA nuclease at approximately 26 kDa (as indicated). This experiment was conducted under reducing conditions and using Western Blot Buffer Group 1.

Simple Western



Detection of NucA nuclease by Simple Western™. Simple Western lane view shows recombinant NucA nuclease protein, loaded at 0.2 mg/mL. A specific band was detected for NucA nuclease at approximately 35 kDa (as indicated) using 10 µg/mL of Mouse Anti-NucA nuclease Monoclonal Antibody (Catalog # MAB100633). This experiment was conducted under reducing conditions and using the 12-230 kDa separation system.

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS. For liquid material, refer to CoA for concentration.
Shipping	Lyophilized product is shipped at ambient temperature. Liquid small pack size (-SP) is shipped with polar packs. Upon receipt, store immediately at the temperature recommended below.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.