

DESCRIPTION

Specificity	Detects NucA nuclease in direct ELISAs.
Source	Monoclonal Mouse IgG ₁ Clone # 1028937
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived NucA nuclease Met1-Asn266 Accession # P13717
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

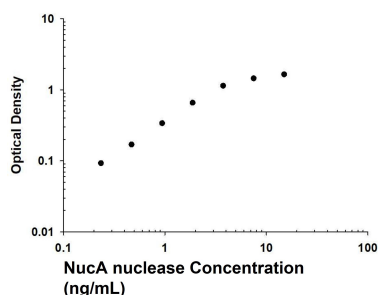
APPLICATIONS

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.

ELISA	This antibody functions as an ELISA capture antibody when paired with Mouse Anti-NucA nuclease Monoclonal Antibody (Catalog # MAB100634). <i>This product is intended for assay development on various assay platforms requiring antibody pairs.</i>
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DATA

ELISA



NucA nuclease ELISA Standard Curve. Recombinant NucA nuclease protein was serially diluted 2-fold and captured by Mouse Anti-NucA nuclease Monoclonal Antibody (Catalog # [MAB100635](#)) coated on a Clear Polystyrene Microplate (Catalog # [DY990](#)). Mouse Anti-NucA nuclease Monoclonal Antibody (Catalog # [MAB100634](#)) was biotinylated and incubated with the protein captured on the plate. Detection of the standard curve was achieved by incubating Streptavidin-HRP (Catalog # [DY998](#)) followed by Substrate Solution (Catalog # [DY999](#)) and stopping the enzymatic reaction with Stop Solution (Catalog # [DY994](#)).

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it 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.