

Product Datasheet

alpha 2-Macroglobulin Antibody [HRP]

NB120-7339-0.1mg

Unit Size: 0.1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Gentamicin Sulfate
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Conjugate	HRP
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

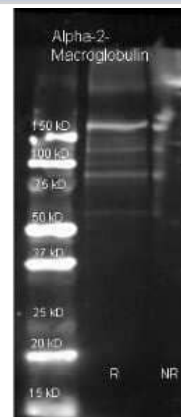
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum as well as purified and partially purified a2-Macroglobulin [Human Plasma]</p>
Host	Goat
Gene ID	2
Gene Symbol	A2M
Species	Human
Reactivity Notes	Cross reactivity against alpha 2-Macroglobulin from other sources is unknown.
Immunogen	alpha 2-Macroglobulin [Human Plasma] (Uniprot: P01023)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:5000, ELISA 1:4000-1:20000, Immunohistochemistry 1:500-1:2500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This product has been tested by dot blot and western blot and is suitable to be assayed against 1.0 ug of alpha-Macroglobulin [Human Plasma] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:12,000 to 1:60,000 of the reconstitution concentration is suggested for this product.

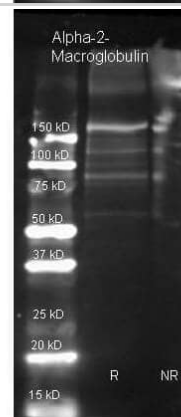


Images

Western Blot: alpha 2-Macroglobulin Antibody [HRP] [NB120-7339] - Detection of Alpha-2-Macroglobulin under reducing (R) and non-reducing (NR) conditions. Reduced samples of purified target proteins contained 4% BME and were boiled for 5 minutes. Samples of 1ug of protein per lane were run by SDS-PAGE. Protein was transferred to nitrocellulose and probed with 1:3000 dilution of primary antibody. Detection shown was using Dylight 649 conjugated Donkey anti goat 1 hr RT.



Goat anti Alpha-2-Macroglobulin antibody (lot 20172) was used to detect Alpha-2-Macroglobulin under reducing (R) and non-reducing (NR) conditions. Reduced samples of purified target proteins contained 4% BME and were boiled for 5 minutes. Samples of ~1ug of protein per lane were run by SDS-PAGE. Protein was transferred to nitrocellulose and probed with 1:3000 dilution of primary antibody (ON 4 C in). Detection shown was using Dylight 649 conjugated Donkey anti goat (lot 20834 1:10K in TBS/) 1 hr RT. Images were collected using the BioRad VersaDoc System.





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Products Related to NB120-7339-0.1mg

NBP1-96886	Goat IgG Isotype Control [HRP]
NBP1-85491PEP	alpha 2-Macroglobulin Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
1938-PI-050	alpha 2-Macroglobulin [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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