

Product Datasheet

Xanthine Oxidase Antibody [HRP] NB100-2025-0.1mg

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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NB100-2025-0.1mg**Xanthine Oxidase Antibody [HRP]**

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>Xanthine Oxidase 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-Rabbit Serum as well as purified and partially purified Xanthine Oxidase [Bovine Buttermilk]</p>
Host	Rabbit
Gene ID	7498
Gene Symbol	XDH
Species	Bovine
Reactivity Notes	Cross reactivity against Xanthine Oxidase from other tissues and species may occur but have not been specifically determined
Specificity/Sensitivity	Cross reactivity against Xanthine Oxidase from other tissues and species may occur but have not been specifically determined.
Immunogen	Xanthine Oxidase [Bovine Buttermilk] (Uniprot: P80457)

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:5000, ELISA 1:5000-1:20000, Immunoprecipitation 1:100, Dot Blot



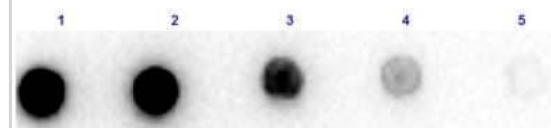
Application Notes

This product has been tested by dot blot and is suitable to be assayed against 1.0 ug of Xanthine Oxidase [Bovine Buttermilk] 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 1:35,000 to 1:175,000 of the reconstitution concentration is suggested for this product.

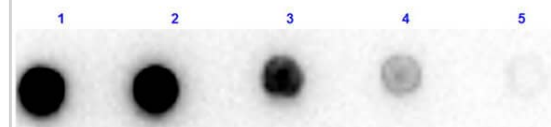
NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).

Images

Dot Blot: Xanthine Oxidase Antibody [HRP] [NB100-2025] - Dot Blot of Rabbit Xanthine Oxidase antibody [HRP]. Xanthine Oxidase (1) 100ng, (2) 33.33ng, (3) 11.11ng, (4) 3.70ng, (5) 1.23ng. Primary Antibody: Anti-Xanthine Oxidase HRP at 1.0ug/mL for 1hr at RT. Secondary Antibody: none. Blocking Buffer for 30mins at RT. Exposure: 0.1sec.



Dot Blot of Xanthine Oxidase Antibody [HRP]. Xanthine Oxidase (1) 100ng, (2) 33.33ng, (3) 11.11ng, (4) 3.70ng, (5) 1.23ng. Primary Antibody: Anti-Xanthine Oxidase HRP at 1.0ug/mL for 1hr at RT. Secondary Antibody: none. Blocking Buffer: BlockOut Buffer





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Products Related to NB100-2025-0.1mg

NBP2-24891H	Rabbit IgG Isotype Control [HRP]
NBP2-57577PEP	Xanthine Oxidase Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBP2-82392	Human Xanthine Oxidase ELISA Kit (Colorimetric)

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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