

Datasheet for 100-4138**Peroxidase Antibody****Overview**

Description:	Anti-Peroxidase (Horseradish) (RABBIT) Antibody - 100-4138
Item No.:	100-4138
Size:	2 mL
Reactivity:	Peroxidase
Host Species:	Rabbit

Product Details

Background:	Anti-Peroxidase antibody is a valuable tool for most common immunoassays including immunoprecipitation (IP), ELISA, western blotting (WB) and immunohistochemistry (IHC).
Synonyms:	rabbit anti-HRP, Peroxidase antibody, anti-HRP, Peroxidase antibody raised in rabbit, Rb-anti-HRP, Rb-anti-Peroxidase, Horseradish Peroxidase
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	Antiserum

Target Details

Reactivity:	Peroxidase
Immunogen Type:	Native Protein
Immunogen:	Anti-Peroxidase antibody was produced by repeated immunization of rabbits with peroxidase isolated from horseradish.
Purity/Specificity:	Anti-Peroxidase antibody was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, purified and partially purified Peroxidase [Horseradish]. Cross reactivity against Peroxidase from other tissues and species may occur but have not been specifically determined.

Application Details

Application Note:	Anti-Peroxidase antibody is suitable for immunoblotting (western or dot blot), ELISA, immunoprecipitation and most immunological methods requiring high titer and specificity. Note the buffer for this anti-peroxidase antibody is 0.01 M Sodium Phosphate, 0.14 M Sodium Chloride, pH 7.6
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:20,000 - 1:100,000
IHC:	1:1,000 - 1:5,000
WB:	1:2,000 - 1:10,000

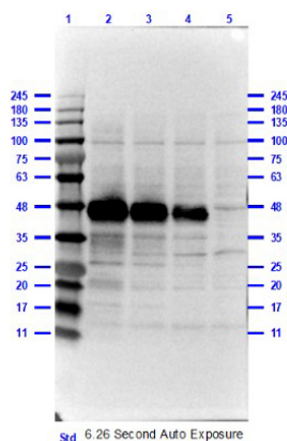
Formulation

Physical State:	Lyophilized
Concentration:	90 mg/mL by Refractometry
Buffer:	See application note.
Preservative:	None
Stabilizer:	None
Reconstitution Volume:	2.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store anti-HRP at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C 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 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western Blot analysis of Rabbit Anti-Peroxidase Antibody.

Lane 1: Prestained Molecular Weight Marker (p/n MB-210-0500).

Lane 2: HeLa Lysate/Peroxidase (5µg/0.1µg) [+].

Lane 3: HeLa Lysate/Peroxidase (5µg/0.05µg) [+].

Lane 4: HeLa Lysate/Peroxidase (5µg/0.01µg) [+].

Lane 5: HeLa Lysate (p/n W09-000-364) (5µg) [-].

Primary Antibody: Anti-Peroxidase at 1:1000 overnight at 2-8°C.

Secondary Antibody: Goat Anti-Rabbit IgG HRP mx10 (p/n 611-103-122) at 1:70,000 for 30 mins at RT.

Disclaimer

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