

Datasheet for 100-2138**Peroxidase Antibody****Overview**

Description:	Anti-Peroxidase (Horseradish) (GUINEA PIG) Antibody - 100-2138
Item No.:	100-2138
Size:	2 mL
Reactivity:	Peroxidase
Host Species:	Guinea Pig

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:	guinea pig anti-Peroxidase Antibody, guinea pig anti-HRP Antibody, Peroxidase antibody, anti-HRP, Peroxidase antibody raised in guinea pig, guinea pig anti-HRP, GP-anti-HRP, GP-anti-Peroxidase, Horseradish Peroxidase
Host Species:	Guinea Pig
Clonality:	Polyclonal
Format:	Antiserum

Target Details

Reactivity:	Peroxidase
Immunogen Type:	Native Protein
Immunogen:	Anti-Peroxidase antibody was produced by repeated immunization of guinea pigs 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-guinea pig 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.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:5,000 - 1:20,000
IHC:	User Optimized
WB:	1:500 - 1:2,000

Formulation

Physical State:	Lyophilized
Concentration:	85 mg/mL by Refractometry
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
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 vial 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.

Disclaimer

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