

Product Datasheet

Mouse IgG (H&L) Antibody Peroxidase Conjugated (orb346678)

Catalog Number	orb346678
Category	Antibodies
Description	Mouse IgG (H&L) antibody (Peroxidase)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	HRP
Reactivity	Mouse
Form/Appearance	Lyophilized
Concentration	10.0 mg/mL
Buffer/Preservatives	Preservative: None. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	This product 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, Mouse IgG and Mouse Serum.
Immunogen	Mouse IgG whole molecule
Tested applications	ELISA, IHC, KO/KD Validated, WB

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Dilution range ELISA: 1:10,000 - 1:50,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:10,000

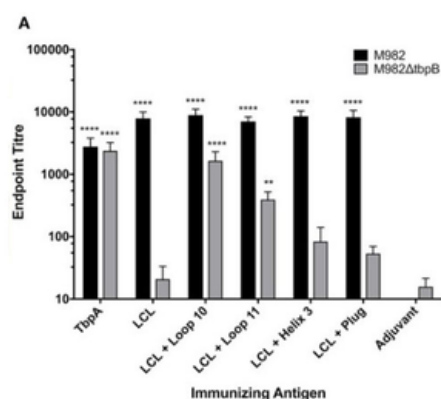
Application notes This product is designed for ELISA and western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

Antibody Type Secondary Antibody

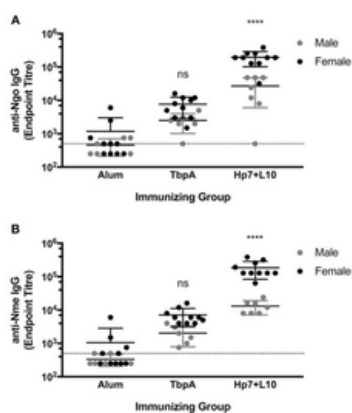
Storage Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Note For research use only

Expiration Date 12 months from date of receipt.



In vitro characterization of the LCL scaffold and the LCL-TbpA hybrid antigens. (A) Mouse sera were evaluated in a whole cell ELISA against both wild-type *N. meningitidis* M982 (Black) and M982 with TbpB knocked out (M982ΔtbpB; Gray). Sera were assayed in triplicate from individual mice (4 to 5 mice per group) and averaged and displayed as mean +/- SEM. Significance was determined as a significant increase in titer compared with mice that received adjuvant alone by two-way ANOVA with Sidak's multiple comparison test for both wildtype and knockout data sets. ** $p \leq 0.01$, **** $p \leq 0.0001$.



Whole-cell serum IgG ELISA titres of mice immunized with alum, TbpA or Hp7-L10 when captured by (A) heat-killed *N. gonorrhoeae* strain MS11 or (B) heat-killed *N. meningitidis* strain M982. Female mice were used in the lower genital tract gonococcal colonization, while male mice were challenged systemically with *N. meningitidis*. Significance was determined as a significant increase in titer compared with mice that received alum alone by ordinary one-way ANOVA with post-hoc analysis by Dunnett's multiple comparisons test. **** $p < 0.0001$.

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