

Qty: 1.5 mg/1 ml
ZyMax™
Rabbit anti-Sheep IgG (H+L)
HRP Conjugate
Catalog No. 81-8620
Lot No.



HRP-Rabbit Anti-Sheep IgG (H+L) Conjugate (ZyMax™ Grade)

FORM

This ZyMax™ antibody conjugate is supplied in a proprietary conjugate stabilizing solution containing 40% glycerol, and 0.1% proclin as a preservative. Purified antibody is conjugated with highly purified Horseradish Peroxidase (RZ > 3.0).

SPECIFICITY

Prior to conjugation, this polyclonal antibody was raised in rabbits against the whole sheep IgG molecule and purified by antigen-affinity-chromatography. It reacts strongly with sheep IgG heavy and light chains.

USAGE

ZyMax™ grade reagents offer enhanced assay sensitivity, higher titers, and greater flexibility in assay design, than standard grade reagents. This HRP conjugate is recommended as a secondary reagent for ELISA, Western blotting and immunohistochemistry. Working concentrations for specific applications should be determined by the investigator. Optimal dilutions will be affected by several factors, including: primary antibody affinity, sensitivity of detection method, antigen concentration, temperature and length of incubations. We recommend the following ranges as starting points.

	ELISA:	1:5,000 to 1:20,000
Western blot (standard protocol):		1:2,000 to 1:10,000
Western blot (with chemiluminescence):		1:5,000 to 1:20,000
Immunohistochemistry:		1:200 to 1:500

PROCEDURES

Invitrogen has recommended procedures for ELISA, immunoprecipitation and other applications available on our Web site at www.invitrogen.com/methods. You may also obtain assistance from our Technical Service department at (800) 955-6288. Another good source of information about immunoassay procedures is Ed Harlow & David Lane's Antibodies, A Laboratory Manual, Cold Spring Harbor Laboratory (1988).

STORAGE

Store at 2-8°C. This product can also be safely stored at -20°C and will not freeze. It is guaranteed to perform as stated if used before the expiration date printed on the bottle.

SELECTED INVITROGEN PRODUCT REFERENCE

Reference cite Invitrogen's standard grade product--ZyMax™ antibodies may be used at considerably higher dilutions.

Western Blot
Ohishi, K. et al., *J Immunol.* 154:3173-3179 (1995).

(81-8620 continued)

www.invitrogen.com

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RELATED PRODUCTS

Product	Form	Cat. No.
Rabbit anti-Sheep IgG (H+L) (ZyMax™ Grade)	Purified	81-8600
	FITC	81-8611
	TRITC	81-8614
	Cy™ 3	81-8615
	Cy™ 5	81-8616
	AP	81-8622
	Biotin	81-8640
Rabbit anti-Sheep IgG (H+L)	Purified	61-8600
	FITC	61-8611
	HRP	61-8620
	AP	61-8622
	Biotin	61-8640

NOTES

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