

Store at
-20°C

#12291

Protein A (HRP Conjugate)

www.cellsignal.com

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UniProt ID #

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For Research Use Only. Not For Use In Diagnostic Procedures.

Description: This Cell Signaling Technology product is useful for the detection of IgG. Conjugation of horseradish peroxidase (HRP) to protein A is obtained by cross-linking the amino groups on protein A with the carbohydrate groups on HRP.

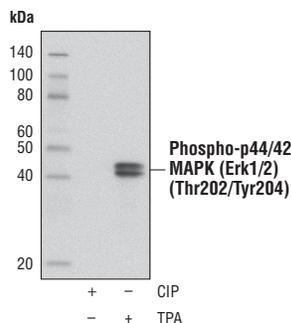
Background: Protein A exhibits high affinity for subclasses of IgG from many species (including human, rabbit, mouse, rat, and sheep) and therefore can be used for detection and/or purification of antibodies. Due to its vast array of applications, protein A is the method of choice for many preparative and analytical immunological assays (1).

Source/Purification: Protein A (HRP Conjugate) is purified by gel filtration. The conjugate product is free from unconjugated protein A and HRP.

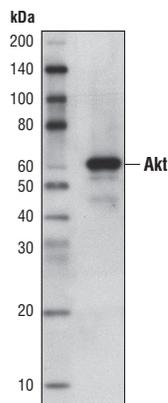
Notes on Use: This product should be used in place of the secondary in the western blotting protocol.

Background References:

(1) Goding, J.W. (1978) *J Immunol Methods* 20, 241-53.



Western blot analysis of extracts from MCF7 cells, treated with CIP or TPA (12-O-Tetradecanoylphorbol-13-Acetate) #4174 (200 nM, 10 min), using Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) (D13.14.4E) XP® Rabbit mAb #4370. Protein A (HRP Conjugate) was used for detection.



Western blot analysis of extracts from NIH/3T3 cells using Akt (pan) (C67E7) Rabbit mAb #4691. Protein A (HRP Conjugate) was used for detection.

Storage: Supplied in 136 mM NaCl, 2.6 mM KCl, 12 mM sodium phosphate (pH 7.4) dibasic, 2 mg/ml BSA, and 50% glycerol. Store at -20°C.

Recommended Antibody Dilutions:

Western blotting 1:1000

For product specific protocols and a complete listing of recommended companion products please see the product web page at www.cellsignal.com

Thank you for your recent purchase. If you would like to provide a review visit www.cellsignal.com/comments.

