

Store at
-20°C

#46387

Anti-Blue (2D2F11) Mouse mAb (HRP Conjugate)

Cell Signaling
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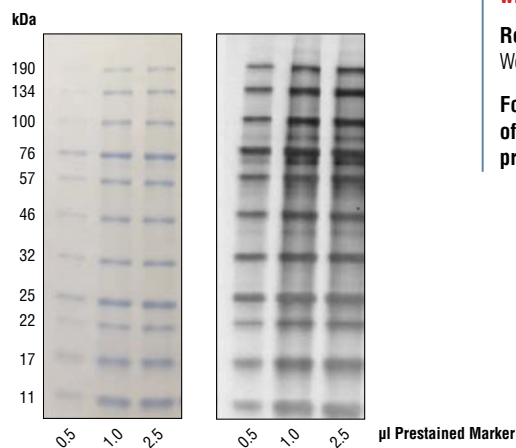
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For Research Use Only. Not For Use In Diagnostic Procedures.**Applications**
W
Recombinant**Species Cross-Reactivity**
All**Isotype**
Mouse IgG1

Description: Anti-Blue (2D2F11) Mouse mAb is conjugated to the carbohydrate groups of horseradish peroxidase (HRP) via its amine groups. This product has been optimized to detect proteins labeled with remazol blue.

Background: Chemiluminescence systems have emerged as the best all-around method for western blot detection. They eliminate the hazards associated with radioactive materials and toxic chromogenic substrates. The speed and sensitivity of these methods are unequalled by traditional alternatives, and because results are generated on film, it is possible to record and store data permanently. Blots detected with chemiluminescent methods are easily stripped for subsequent reprobing with additional antibodies. HRP-conjugated secondary antibodies are utilized in conjunction with specific chemiluminescent substrates to generate the light signal. HRP conjugates have a very high turnover rate, yielding good sensitivity with short reaction times.

Specificity/Sensitivity: Anti-Blue (2D2F11) Mouse mAb (HRP Conjugate) recognizes remazol blue dye attached to proteins.



Titration of Prestained Protein Marker, Broad Range (11-190 kDa) #13953 (left). Western blot analysis of #13953 using Anti-Blue (2D2F11) Mouse mAb (HRP Conjugate) #46387 (right).

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. Do not aliquot the antibody.

HRP-conjugated antibodies do not require incubation with a secondary antibody.

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.

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IMPORTANT: For western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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Applications: W—Western IP—Immunoprecipitation IHC—Immunohistochemistry ChIP—Chromatin Immunoprecipitation IF—Immunofluorescence F—Flow cytometry E-P—ELISA-Peptide **Species Cross-Reactivity:** H—human M—mouse R—rat Hm—hamster Mk—monkey Mi—mink C—chicken Dm—D. melanogaster X—Xenopus Z—zebrafish B—bovine Dg—dog Pg—pig Sc—S. cerevisiae Ce—C. elegans Hr—Horse All—all species expected Species enclosed in parentheses are predicted to react based on 100% homology.