

# Rabbit (DA1E) mAb IgG XP® Isotype Control (Sephacose® Bead Conjugate)



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

**Applications**  
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**Isotype**  
**Rabbit IgG**

**Description:** Rabbit (DA1E) mAb IgG XP® Isotype Control #3900 (whole molecule) from Cell Signaling Technology is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated Sepharose® beads. Rabbit (DA1E) mAb IgG XP® Isotype Control (Sephacose® Bead Conjugate) is useful to determine non-specific immunoprecipitation complexes.

**Background:** Control antibodies are used to estimate the non-specific binding of target primary antibodies due to F<sub>c</sub> receptor binding or other protein-protein interactions.

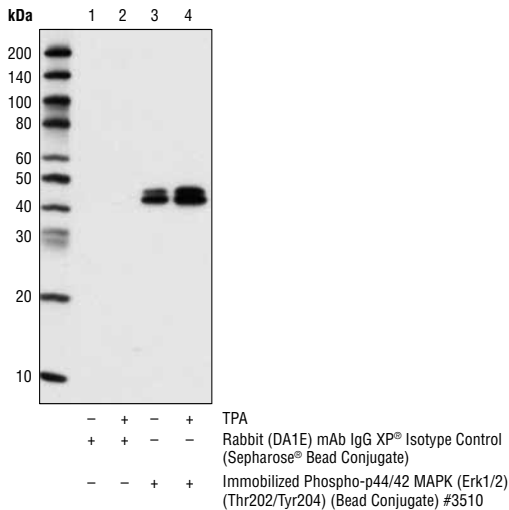
**Specificity/Sensitivity:** Rabbit (DA1E) mAb IgG XP® Isotype Control is not directed against any known antigen. It functions as a control for rabbit IgG monoclonal antibodies.

**Storage:** Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol. Store at -20°C. *Do not aliquot the antibody.*

**Directions for Use:** Add 10 µl of well-vortexed beads to 200 µl of cell lysate at 1 mg/ml in 1X Cell Lysis Buffer (10X) #9803. See protocol for more details.

**For application specific protocols please see the web page for this product at [www.cellsignal.com](http://www.cellsignal.com).**

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Immunoprecipitation of extracts from HeLa cells, untreated or TPA-treated, using Rabbit (DA1E) mAb IgG XP® Isotype Control (Sephacose® Bead Conjugate) (Lanes 1 and 2) or Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) (D13.14.4E) XP® Rabbit mAb (Sephacose® Bead Conjugate) #3510 (Lanes 3 and 4). The blot was probed using Phospho-p44/42 MAPK (Erk1/2) (Thr202/Tyr204) (E10) Mouse mAb #9106.

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