

Rabbit Anti-BSA Conjugated Retinoic Acid pAb

Catalog No. PA2058 **Quantity:** 100 µl
Description: Rabbit Anti-BSA Conjugated Retinoic Acid pAb consists of 1.0 mg total IgG and 0.1 mg antigen specific IgG.

Using a conjugate Retinoic Acid-protein carrier (Bovine Serum Albumin [BSA]), antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

Compound	Cross-reactivity ratio*
Retinoic acid-BSA	1
Palmitic acid-BSA	1:15
Farnesyl-cysteine-BSA	1:25
Myristic acid-BSA	1:200
Oleic Acid-BSA	1:350

* Retinoic acid-BSA concentration/other conjugated close-related compounds concentration at half displacement.

Host: Rabbit
Immunogen: Synthetic Retinoic Acid conjugated to bovine serum albumin (BSA)
Isotype: IgG
Formulation: Lyophilized
Purification: IgGs were purified from antiserum that had been pre-absorbed against BSA.
Reconstitution: **Centrifuge vial prior to opening.** It is critical to use the following sequence when reconstituting this antibody: dissolve antibody in 50 µl sterile distilled water, then add 50 µl glycerol.
Applications: ELISA: working diution of 1:5,000-1:10,000
Immunochemistry: working dilution of 1:1,000-1:5,000
The optimal concentration should be determined by the user for each specific application.
Storage & Stability: Store lyophilized antibody at 2-4°C. Reconstituted antibody is stable for at least 2 years in working aliquots at -20°C. **Avoid repeated freeze-thaw cycles.**
Research Areas: Neuroscience, Biochemistry (metabolic ways).
Also available: AG095: Retinoic Acid conjugate

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