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**Anti-Conjugated Quinolinic Acid**  
**MOUSE MONOCLONAL**

**Catalog Number:** AB-T170  
**Quantity:** 50 microliters  
**Format:** Lyophilized and reconstituted with deionized water / 50% glycerol  
**Host:** Mouse  
**Isotype:** IgG1, Kappa  
**Clone:** QUINO6H2  
**Immunogen:** Synthetic quinolinic acid conjugated to bovine serum albumin

**Specificity and Preparation:**

Monoclonal antibody was obtained after BALB/c mouse immunization with the conjugate: Quinolinic Acid-protein carriers (PC) and hybridization of spleen cells with the myeloma cell line SP2/O/Ag14. Ascites production was performed in BALB/c mice. The ascites fluid was purified by ammonium sulfate precipitation. This antibody targets conjugated quinolinic acid. **This antibody does not recognize free quinolinic acid.** Using a conjugate Quinolinic acid-PC, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:

<b>COMPOUND</b>	<b>CROSS REACTIVITY §</b>
Quinolinic acid-PC	1
Quinaldic acid-PC	1/>50,000
Kynurenic acid-PC	1/>50,000
Picolinic acid-PC	1/>50,000
Anthranilic acid-PC	1/>50,000
3-Hydroxy-Anthranilic acid-PC	1/>50,000
Nicotinic acid-PC	1/>50,000
3-Hydroxy.Kynurenine-PC	1/>50,000
L.Kynurenine-PC	1/>50,000
Xanthurenic acid-PC	1/>50,000
Free Quinolinic acid	1/>50,000

§ Quinolinic acid-PC concentration/other conjugated close-related compounds concentration at half displacement. PC = protein carrier

**Usage and Storage:**

Protocols for potential applications can be found on the website: <http://atsbio.com/support/protocols>. Optimal dilutions should be determined by each laboratory for each application. Store the antibody at 4°C in a dry area for one month or -20°C in undiluted aliquots for up to two years. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

**Available Control(s):** Quinolinic Acid-BSA

**To view protocol(s) for this and other products please visit: [www.ATSBio.com/support/protocols](http://www.ATSBio.com/support/protocols)**