ADVANCED TARGETING SYSTEMS

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Anti-Conjugated L.Kynurenine
MOUSE MONOCLONAL

Catalog Number: AB-T171
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Mouse
Isotype: IgG1, Kappa
Clone: KYNU4A6
Immunogen: Synthetic L.Kynurenine-PC

Specificity and Preparation:
Monoclonal antibody was obtained after BALB/c mouse immunization with the conjugate : L.Kynurenine-Protein Carriers (PC) and hybridization of spleen cells with the myeloma cell line SP2/O/Ag14. Ascite production was performed in BALB/c mice. This antibody targets conjugated L.Kynurenine and is IgG purified. **This antibody does not recognize free L.Kynurenine.**
Using a conjugate L.Kynurenine-PC, antibody specificity was performed with an ELISA test by competition experiments with the following compounds :

COMPOUND	CROSS REACTIVITY §
L.Kynurenine-BSA	1
D.Kynurenine-BSA	1/7
Picolinic acid-BSA	1/3,000
Xanthurenic acid-BSA	1/>50,000
Quinaldic acid-BSA	1/>50,000
L.Tryptophan-BSA	1/>50,000
3OH Kynurenine-BSA	1/>50,000
Anthranilic acid-BSA	1/>50,000
Quinolinic acid-BSA	1/>50,000
Kyurenic acid-BSA	1/>50,000
Free L.Kynurenine	1/>50,000

(a) : L.Kynurenine-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): L-Kynurenine-BSA

To view protocol(s) for this and other products please visit: www.ATSbio.com/support/protocols