

Anti-AKR1A1 Mouse Monoclonal Antibody [Clone ID: OTI6E3]

Catalog Number: M04855

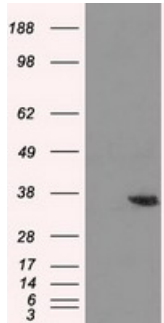
Overview

Product Name	Anti-AKR1A1 Mouse Monoclonal Antibody [Clone ID: OTI6E3]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-AKR1A1 mouse monoclonal antibody, clone OTI6E3 (formerly 6E3). Catalog# M04855. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI6E3
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	P14550

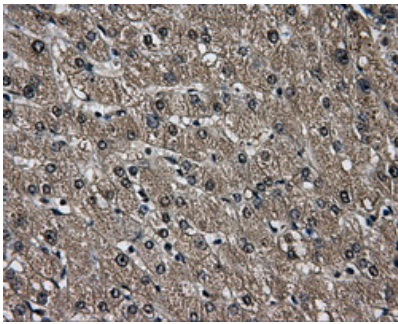
Technical Details

Immunogen	Full length human recombinant protein of human AKR1A1 (NP_006057) produced in HEK293T cell.
Isotype	IgG2a
Concentration	0.74 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB 1:2000 IHC 1:50 IF 1:100 Flow Cytometry 1:100

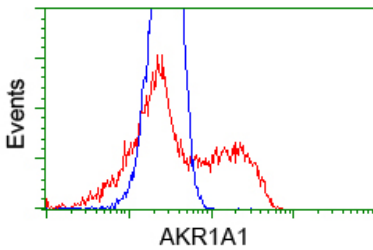
Anti-AKR1A1 Mouse Monoclonal Antibody [Clone ID: OTI6E3] (M04855) Images



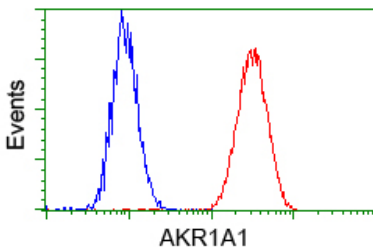
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AKR1A1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AKR1A1.



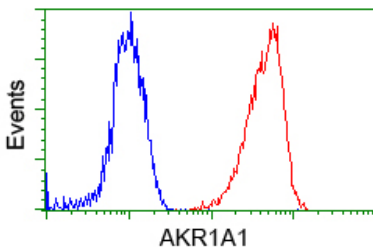
Immunohistochemical staining of paraffin-embedded liver tissue within the normal limits using anti-AKR1A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



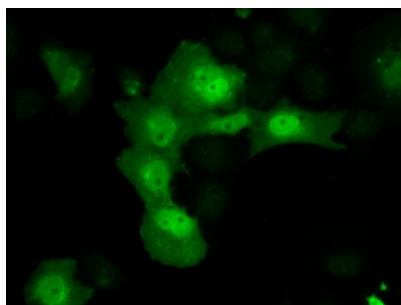
HEK293T cells transfected with either pCMV6-ENTRY AKR1A1 (Red) or empty vector control plasmid (Blue) were immunostained with anti-AKR1A1 mouse monoclonal (M04855)



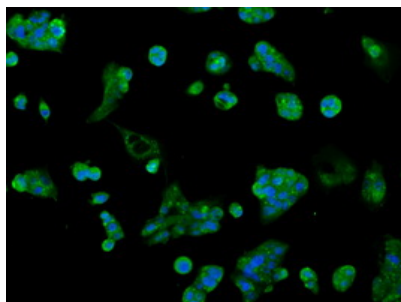
Flow cytometric analysis of HeLa cells



Flow cytometric analysis of Jurkat cells



immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY AKR1A1.



Immunofluorescent staining of HepG2 cells using anti-AKR1A1 mouse monoclonal antibody (M04855).

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