

Product datasheet for **TA505031S**

ARA9 (AIP) Mouse Monoclonal Antibody [Clone ID: OTI1B6]

Product data:

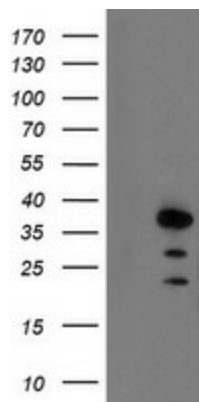
Product Type:	Primary Antibodies
Clone Name:	OTI1B6
Applications:	FC, WB
Recommended Dilution:	WB 1:2000, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human AIP(NP_003968) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37.5 kDa
Gene Name:	aryl hydrocarbon receptor interacting protein
Database Link:	NP_003968 Entrez Gene 11632 Mouse Entrez Gene 282827 Rat Entrez Gene 9049 Human O00170
Background:	The protein encoded by this gene is a receptor for aryl hydrocarbons and a ligand-activated transcription factor. The encoded protein is found in the cytoplasm as part of a multiprotein complex, but upon binding of ligand is transported to the nucleus. This protein can regulate the expression of many xenobiotic metabolizing enzymes. Also, the encoded protein can bind specifically to and inhibit the activity of hepatitis B virus. [provided by RefSeq]
Synonyms:	ARA9; FKBP16; FKBP37; SMTPHN; XAP-2; XAP2



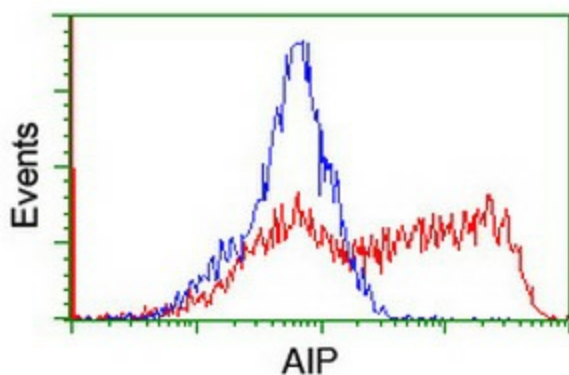
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Protein Families: Druggable Genome, Transcription Factors

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY AIP (Cat# [RC211157], 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-AIP (Cat# [TA505031]). Positive lysates [LY401308] (100ug) and [LC401308] (20ug) can be purchased separately from OriGene.



HEK293T cells transfected with either [RC211157] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-AIP antibody ([TA505031]), and then analyzed by flow cytometry.