

## Product datasheet for **TA301475**

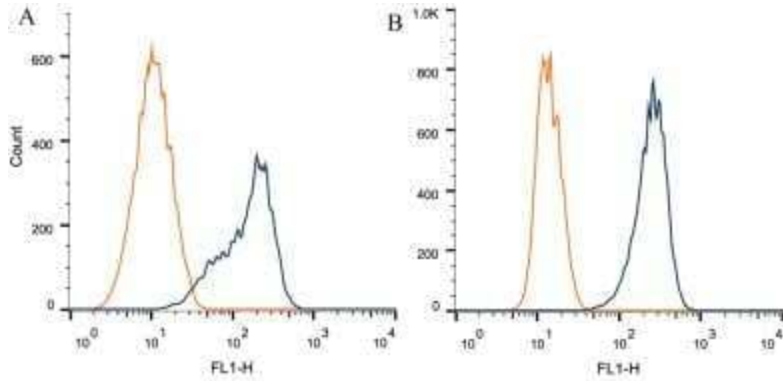
### ARA9 (AIP) Mouse Monoclonal Antibody [Clone ID: 35-2]

#### Product data:

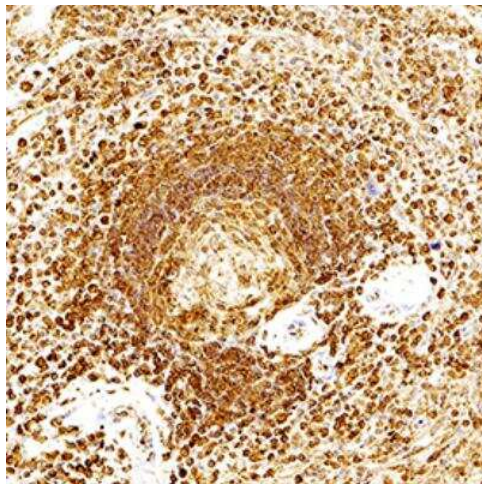
Product Type:	Primary Antibodies
Clone Name:	35-2
Applications:	ChIP, FC, ICC/IF, IHC, IP, Simple Western, WB
Recommended Dilution:	Immunohistochemistry-Paraffin: 1:500 - 1:1000, Chromatin Immunoprecipitation Sequencing, Immunocytochemistry/ Immunofluorescence, Flow Cytometry: 1 ug per million cells, Immunohistochemistry, Immunoprecipitation: 1:10-1:100, Western Blot: 1:1000, Simple Western: 1:200, Chromatin Immunoprecipitation (ChIP): 1:10-1:500
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Bacterially expressed human ARA9.
Formulation:	0.1% Sodium Azide
Purification:	Tissue culture supernatant
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	aryl hydrocarbon receptor interacting protein
Database Link:	<a href="#">NP_003968</a> <a href="#">Entrez Gene 11632 Mouse</a> <a href="#">Entrez Gene 9049 Human</a> <a href="#">O00170</a>
Background:	Ah receptor-associated protein (ARA9) is also known as AIP and XAP2. This protein displays structural similarity to the glucocorticoid receptor-associated immunophilin FKBP52. Although they share significant homology, they have distinct cellular roles and biochemical properties. ARA9 is known to affect the potency and efficacy of AHR agonists in the yeast <i>Saccharomyces cerevisiae</i> as well as having functional consequence on AHR signal transduction.
Synonyms:	ARA9; FKBP16; FKBP37; SMTPHN; XAP-2; XAP2
Protein Families:	Druggable Genome, Transcription Factors



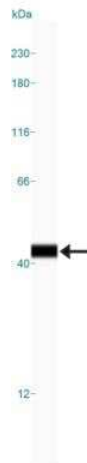
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**Product images:**


Flow Cytometry: AIP/ARA9 Antibody (35-2) TA301475 - Intracellular flow cytometric staining of  $1 \times 10^6$  CHO (A) and MCF-7 (B) cells using AIP/ARA9 antibody (dark blue). Isotype control shown in orange. An antibody concentration of  $1 \mu\text{g}/1 \times 10^6$  cells was used.



Immunohistochemistry-Paraffin: AIP/ARA9 Antibody (35-2) TA301475 - AIP/ARA9 was detected in immersion fixed paraffin-embedded sections of human spleen using Mouse Anti-Human AIP/ARA9 (35-2) Monoclonal Antibody (Catalog # TA301475) at 1:300 for 1 hour at room temperature followed by incubation with the Anti-Mouse IgG VisUCyte™ HRP Polymer Antibody (Catalog # VC001). Tissue was stained using DAB (brown) and counterstained with hematoxylin (blue). Specific staining was localized to the cytoplasm in splenocytes.



Simple Western: AIP/ARA9 Antibody (35-2) TA301475 - Simple Western lane view shows a specific band for AIP/ARA9 in 0.5 mg/ml of Hek293 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.