

Mouse anti-Human AHR Monoclonal Antibody | anti-AHR antibody

Mouse Monoclonal [clone 3B9] (IgG2a,k) to Human AHR

CATALOG # AAA51869	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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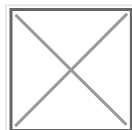
PRODUCT SYNONYMS

AHR; Monoclonal Antibody; Mouse Monoclonal [clone 3B9] (IgG2a; k) to Human AHR; Anti-AHR Antibody (clone 3B9) IHC-plus; Ah receptor; AH-receptor; Aryl hydrocarbon receptor; BHLHe76; Aromatic hydrocarbon receptor; Human AHR; anti-AHR antibody

PRODUCT SPECIFICATIONS

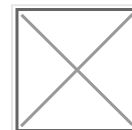
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3B9
Specificity	Human AH Receptor
Purity/Purification	Protein A Purified
Form/Format	PBS, pH 7.4. Sourced in Ascites.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	848
Applicable Applications for anti-AHR antibody	ELISA, IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	AHR (NP_001612, 279 a.a. ~ 376 a.a) recombinant protein with GST tag.
Immunogen	AHR antibody was raised against aHR (NP_001612, 279 a.a. ~ 376 a.a) recombinant protein with GST tag.
Preparation and Storage	Aliquot and store at -20 degree C or -80 degree C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Anti-Aryl Hydrocarbon Receptor antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



IHC (Immunohistochemistry)

Anti-Aryl Hydrocarbon Receptor antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-AHR antibody	Aryl hydrocarbon receptor is a ligand-activated transcription factor involved in the regulation of biological responses to planar aromatic hydrocarbons. AHR has been shown to regulate xenobiotic-metabolizing enzymes such as cytochrome P450.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502003
NCBI GeneID	196
NCBI Accession #	NP_001612.1
NCBI GenBank Nucleotide #	NM_001621.4
UniProt Accession #	P35869; Q13728; Q13803; Q13804; A4D130
Molecular Weight	96,147 Da
NCBI Official Full Name	aryl hydrocarbon receptor
NCBI Official Synonym Full Names	aryl hydrocarbon receptor
NCBI Official Symbol	AHR
NCBI Official Synonym Symbols	bHLHe76
NCBI Protein Information	aryl hydrocarbon receptor; AH-receptor; ah receptor; aromatic hydrocarbon receptor; class E basic helix-loop-helix protein 76
UniProt Protein Name	Aryl hydrocarbon receptor
UniProt Gene Name	AHR
UniProt Synonym Gene Names	BHLHE76; Ah receptor; AhR; bHLHe76
UniProt Entry Name	AHR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.