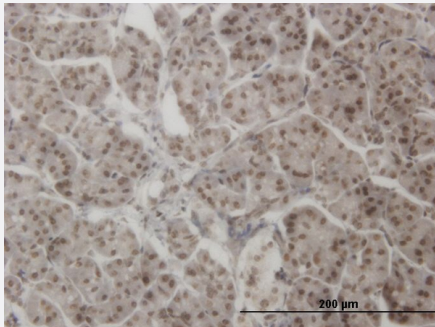


AHR monoclonal antibody (M08), clone 3B9

Catalog # H00000196-M08

Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to AHR on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 3 ug/ml]

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant AHR.
Immunogen	AHR (NP_001612, 279 a.a. ~ 376 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EIRTKNFIFRTKHKLDFTPIGCDAGKGRVLGYTEAELCTRGSGYQFIHAADMLYCAESHIRMIKTGESG MIVFRLLTKNNRWTWVQSNARLLYKNGRP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to AHR on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- ELISA

Gene Info — AHR

Entrez GeneID	196
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GeneBank Accession#	NM_001621
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Protein Accession#	NP_001612
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Gene Name	AHR
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Gene Alias	bHLHe76
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Gene Description	aryl hydrocarbon receptor
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Omim ID	600253
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Gene Ontology	Hyperlink
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Gene Summary	This gene encodes a ligand-activated transcription factor involved in the regulation of biological responses to planar aromatic hydrocarbons. This receptor has been shown to regulate xenobiotic-metabolizing enzymes such as cytochrome P450. Its ligands included a variety of aromatic hydrocarbons. [provided by RefSeq]
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Other Designations	AH-receptor aromatic hydrocarbon receptor
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Disease

- [Abnormalities](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Disease Susceptibility](#)
- [DNA Damage](#)
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- [Hypertension](#)
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- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
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- [Metabolic Syndrome X](#)
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- [Neoplasms](#)
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- [Oligospermia](#)
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- [Werner syndrome](#)