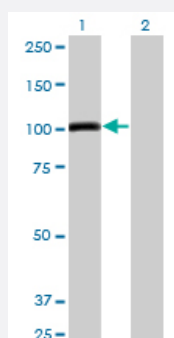


AHR monoclonal antibody (M04), clone 4G7

Catalog # H00000196-M04

Size 100 ug

Applications

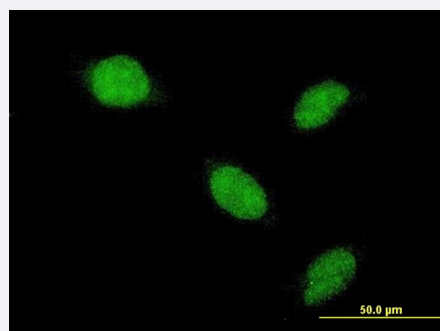


Western Blot (Transfected lysate)

Western Blot analysis of AHR expression in transfected 293T cell line by AHR monoclonal antibody (M04), clone 4G7.

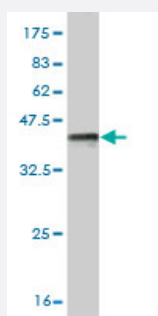
Lane 1: AHR transfected lysate (96.1 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of monoclonal antibody to AHR on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant AHR.

Immunogen	AHR (NP_001612, 721 a.a. ~ 820 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGSFEPSPYPTTSSLEDFTCLQLPENQKHGLNPQSAITPQTCYAGAVSMYQCQPEPQHHTVGG MQYNPVLPGQQAFNLNKFQNGVLNETYPAELNNINN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (65)
Isotype	IgG3 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of AHR expression in transfected 293T cell line by AHR monoclonal antibody (M04), clone 4G7.

Lane 1: AHR transfected lysate(96.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to AHR on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — AHR

Entrez GeneID

[196](#)

GeneBank Accession#	NM_001621
Protein Accession#	NP_001612
Gene Name	AHR
Gene Alias	bHLHe76
Gene Description	aryl hydrocarbon receptor
Omim ID	600253
Gene Ontology	Hyperlink
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]
Other Designations	AH-receptor aromatic hydrocarbon receptor

Disease

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- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Dementia](#)
- [Diabetes Complications](#)
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- [DNA Damage](#)
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