

Mouse Monoclonal Antibody to AHR

Catalogue Number	sAP-1634
Target Molecule	Name: AHR Aliases: bHLHe76 MW: 96.1kDa Entrez Gene ID: 196
Description	The protein encoded by this gene is a ligand-activated helix-loop-helix 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. Before ligand binding, the encoded protein is sequestered in the cytoplasm; upon ligand binding, this protein moves to the nucleus and stimulates transcription of target genes.
Immunogen	Purified recombinant fragment of human AHR (AA: 721-820) expressed in E. Coli.
Reactive Species	Human;
Clone	MM5E6A9
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: N to A; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Pharmacol Rev. 2015;67(2):259-79.2.Int J Cancer. 2015 Jul 15;137(2):299-310.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**