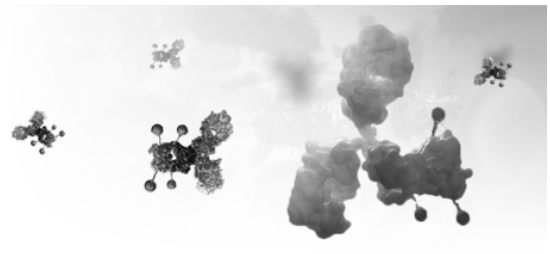

Anti-AHR monoclonal antibody, clone SQU2 (DCABH-8385)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Aryl hydrocarbon Receptor - ChIP Grade
Antigen Description	Ligand-activated transcriptional activator. Binds to the XRE promoter region of genes it activates. Activates the expression of multiple phase I and II xenobiotic chemical metabolizing enzyme genes (such as the CYP1A1 gene). Mediates biochemical and toxic effects of halogenated aromatic hydrocarbons. Involved in cell-cycle regulation. Likely to play an important role in the development and maturation of many tissues.
Specificity	Detects the aryl hydrocarbon receptor (AhR).
Immunogen	Synthetic peptide corresponding to Mouse Aryl hydrocarbon Receptor aa 12-31. Amino acids 18-21 omitted
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Mouse, Rat, Pig, Primate
Clone	SQU2
Purity	Ascites
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC-P, IP, ELISA, ChIP
Format	Liquid
Size	100 µl
Buffer	Preservative: 0.05% Sodium azide
Preservative	0.05% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Ship	Shipped at 4°C.

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GENE INFORMATION

Gene Name	Ahr aryl-hydrocarbon receptor [Mus musculus]
Official Symbol	AHR
Synonyms	AHR; aryl-hydrocarbon receptor; aryl hydrocarbon receptor; ah receptor; dioxin receptor; Ah; In; Ahh; Ahre; bHLHe76;
Entrez Gene ID	11622
Protein Refseq	NP_038492
UniProt ID	P30561
Pathway	Adipogenesis, organism-specific biosystem;
Function	DNA binding; DNA binding; Hsp90 protein binding; Hsp90 protein binding; aryl hydrocarbon receptor activity; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; ligand-activated sequence-specific DNA binding RNA