

## Datasheet

### AHR monoclonal antibody (M04), clone 4G7

xenobiotic-metabolizing enzymes such as cytochrome P450. Its ligands included a variety of aromatic hydrocarbons. [provided by RefSeq]

**Catalog Number:** H00000196-M04

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant AHR.

**Clone Name:** 4G7

**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:**

MGSFEPSPYPTTSSLEDFVTCLQLPENQKHGLNPQSA  
IITPQTCYAGAVSMYQCQPEPQHHTVGMQYNPVL  
GQQAFLNKFQNGVLNETYPAELNNINN

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IF, S-ELISA, WB-Re, WB-Tr  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG3 Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 196

**Gene Symbol:** AHR

**Gene Alias:** bHLHe76

**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