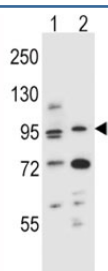


AHR Antibody (F49225)

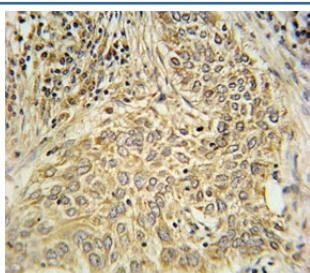
Catalog No.	Formulation	Size
F49225-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49225-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

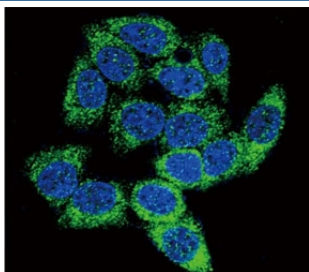
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P35869
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Immunofluorescence : 1:10-1:50 Flow Cytometry : 1:10-1:50
Limitations	This AHR antibody is available for research use only.



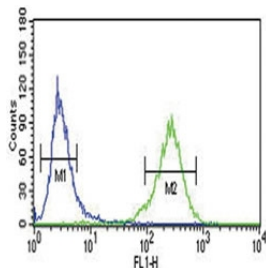
AHR antibody western blot analysis in (1) mouse NIH3T3 and (2) human T47D cell line lysate. Predicted molecular weight ~ 95kDa.



AHR antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma.



Confocal immunofluorescent analysis of AHR antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



AHR antibody flow cytometric analysis of NCI-H460 cells (green) compared to a [negative control](http://www.ncbi.nlm.nih.gov/.../search_result.php?search_txt=n1001) (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

AHR is 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].

Application Notes

Titration of the AHR antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 555-582 from the human protein was used as the immunogen for this AHR antibody.

Storage

Aliquot the AHR antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.