

For Research Use Only

# FMO2 Monoclonal antibody

Catalog Number: 67019-1-Ig **3 Publications**



## Basic Information

Catalog Number: 67019-1-Ig	GenBank Accession Number: BC005894	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2327	CloneNo.: 3F1F7
Source: Mouse	UNIPROT ID: Q99518	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:150-1:600 IF/ICC 1:400-1:1600
Isotype: IgG1	Full Name: flavin containing monooxygenase 2	
Immunogen Catalog Number: AG8610	Calculated MW: 471aa,54 kDa; 534aa,61 kDa	
	Observed MW: 50-60 kDa	

## Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : mouse lung tissue, A549 cells, pig lung tissue IHC : human lung cancer tissue, IF/ICC : A549 cells,
Cited Applications: WB, IF	
Species Specificity: Human, Mouse, Pig	
Cited Species: human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhenwei Song	35805068	Cells	IF
Shijiao Huang	33644069	Front Cell Dev Biol	WB
Zixuan Sun	39425900	Stem Cells Transl Med	

## Storage

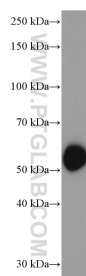
Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

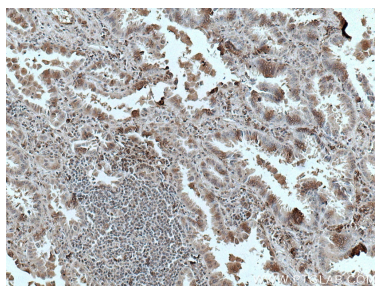
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

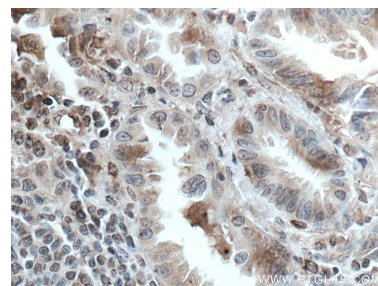
## Selected Validation Data



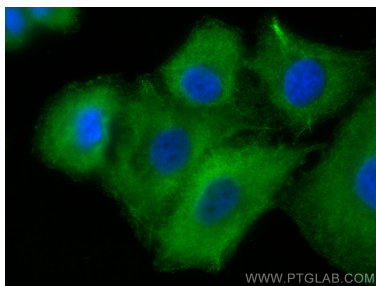
mouse lung tissue were subjected to SDS PAGE followed by western blot with 67019-1-Ig (FMO2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67019-1-Ig (FMO2 antibody) at dilution of 1:300 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67019-1-Ig (FMO2 antibody) at dilution of 1:300 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using FMO2 antibody (67019-1-Ig, Clone: 3F1F7 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).