

A8697

Leader in Biomolecular Solutions for Life Science



# FXR1 Rabbit mAb

Catalog No.: A8697 **Recombinant**

## Basic Information

### Observed MW

70-80kDa

### Calculated MW

70kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

WB,IF/ICC,IP,ELISA

### Cross-Reactivity

Human,Mouse,Rat

### CloneNo number

ARC1230

## Recommended Dilutions

**WB** 1:1000 - 1:6000

**IP** 0.5µg-4µg antibody for  
200µg-1000µg extracts  
of whole cells

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting  
concentration is 1  
µg/mL. Please optimize  
the concentration  
based on your specific  
assay requirements.

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Background

The protein encoded by this gene is an RNA binding protein that interacts with the functionally-similar proteins FMR1 and FXR2. These proteins shuttle between the nucleus and cytoplasm and associate with polyribosomes, predominantly with the 60S ribosomal subunit. Three transcript variants encoding different isoforms have been found for this gene.

## Immunogen Information

Gene ID	Swiss Prot
8087	P51114

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

FXR1P; CMYP9A; CMYP9B; MYOPMIL; MYORIBF; FXR1

## Product Information

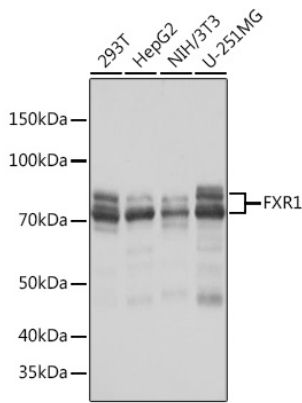
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

### Storage

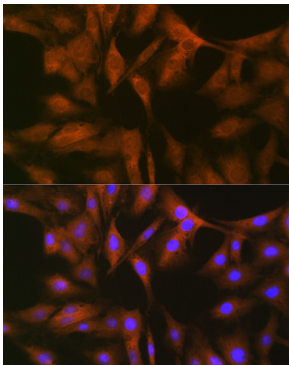
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

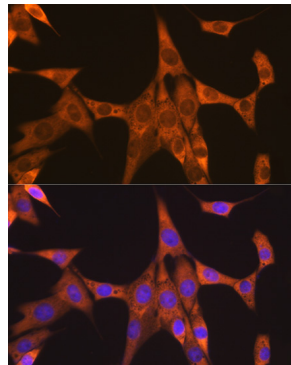
## Validation Data



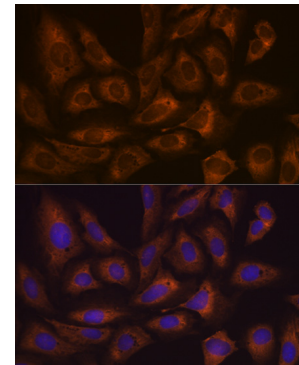
Western blot analysis of various lysates using FXR1 Rabbit mAb (A8697) at 1:1000 dilution.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 1s.



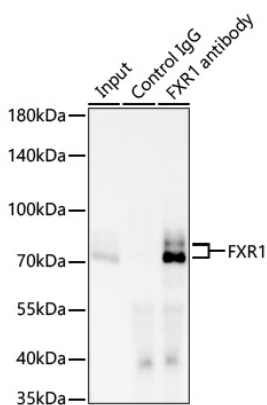
Immunofluorescence analysis of C6 cells using FXR1 Rabbit mAb (A8697) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using FXR1 Rabbit mAb (A8697) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using FXR1 Rabbit mAb (A8697) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation of FXR1 from 1000 µg extracts of Mouse brain was performed using 2 µg of FXR1 Rabbit mAb (A8697). Rabbit IgG isotype control (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1X reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using FXR1 Rabbit mAb (A8697) at a dilution of 1:1000.