

## Anti-hnRNP F (HNRNPF) Mouse Monoclonal Antibody [Clone ID: OTI5F5]

Catalog Number: M05806

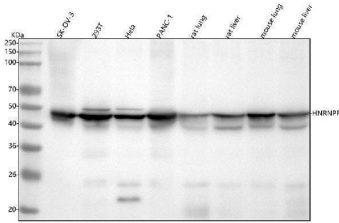
### Overview

Product Name	Anti-hnRNP F (HNRNPF) Mouse Monoclonal Antibody [Clone ID: OTI5F5]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio HNRNPF (hnRNP F) mouse monoclonal antibody, clone OTI5F5 (formerly 5F5). Catalog# M05806. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI5F5
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	P52597

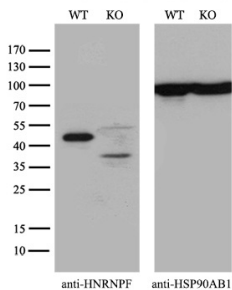
### Technical Details

Immunogen	Full length human recombinant protein of human HNRNPF (NP_004957) produced in HEK293T cell.
Isotype	IgG2a
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB: 1:2000 IHC: 1:50 IF: 1:50~100 Flow cytometry: 1:100

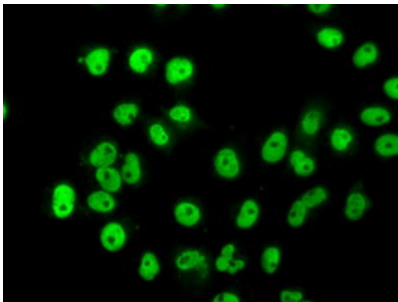
## Anti-hnRNP F (HNRNPF) Mouse Monoclonal Antibody [Clone ID: OTI5F5] (M05806) Images



Western blot analysis of HNRNPF using anti-HNRNPF antibody (M05806). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human SK-OV-3 whole cell lysates, Lane 2: human 293T whole cell lysates, Lane 3: human Hela whole cell lysates, Lane 4: human PANC-1 whole cell lysates, Lane 5: rat lung tissue lysates, Lane 6: rat liver tissue lysates, Lane 7: mouse lung tissue lysates, Lane 8: mouse liver tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with mouse anti-HNRNPF antigen affinity purified monoclonal antibody (Catalog # M05806) at at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-mouse IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1001) with Tanon 5200 system. A specific band was detected for HNRNPF at approximately 46 kDa. The expected band size for HNRNPF is at 46 kDa.

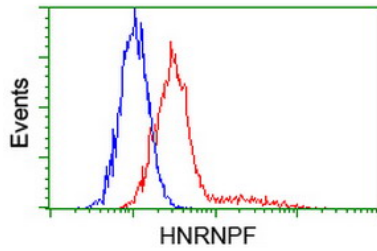
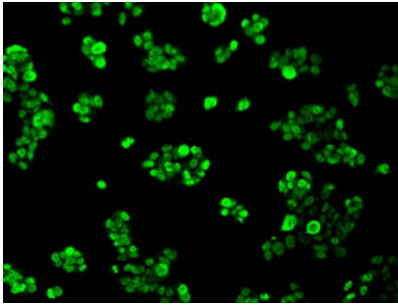


Equivalent amounts of cell lysates (10 ug per lane) of wild-type 293T cells (WT) and HNRNPF-Knockout 293T cells (KO) were separated by SDS-PAGE and immunoblotted with anti-HNRNPF monoclonal antibody M05806

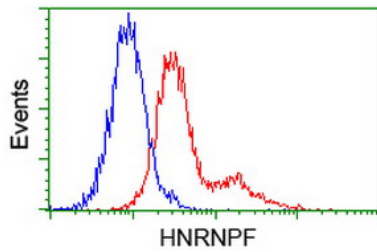


Anti-HNRNPF mouse monoclonal antibody (M05806) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY HNRNPF.

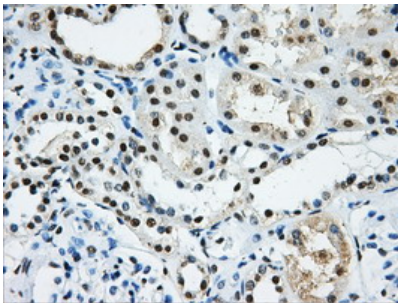
Immunofluorescent staining of HepG2 cells using anti-HNRNPF mouse monoclonal antibody (M05806).



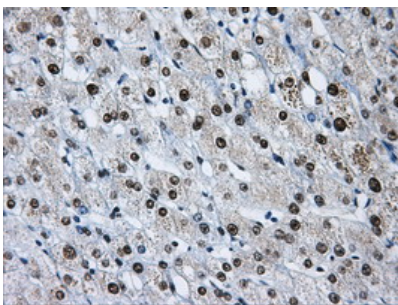
Flow cytometric Analysis of Hela cells



Flow cytometric Analysis of Jurkat cells

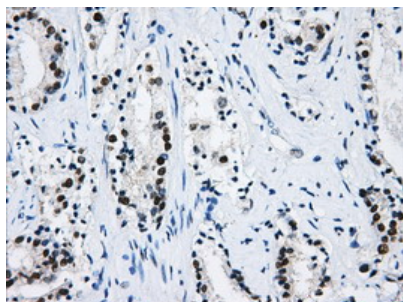
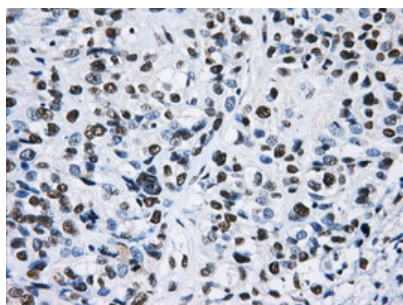


Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-HNRNPF mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

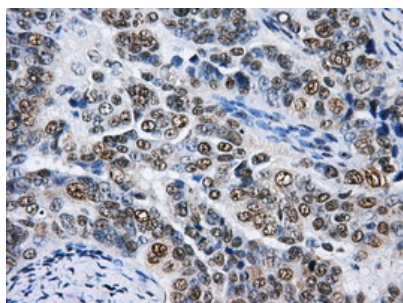


Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-HNRNPF mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

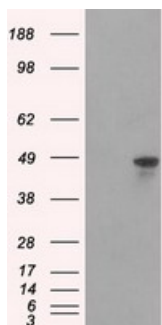
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-HNRNPF mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-HNRNPF mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-HNRNPF mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HNRNPF (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HNRNPF.

**Submit a product review to [Biocompare.com](https://www.biocompare.com)**

Submit a review of this product to [Biocompare.com](https://www.biocompare.com) to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-hnRNP F (HNRNPF) Mouse Monoclonal Antibody [Clone ID: OT15F5]

For Research Use Only. Not for use in diagnostic procedures.