

## Anti-Natriuretic Peptide Receptor C (NPR3) Mouse Monoclonal Antibody [Clone ID: OTI11B6]

Catalog Number: M03589-3

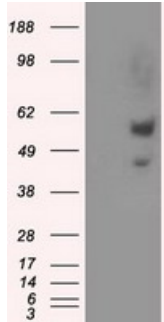
### Overview

|                      |                                                                                                                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-Natriuretic Peptide Receptor C (NPR3) Mouse Monoclonal Antibody [Clone ID: OTI11B6]                                                                                                                   |
| Reactive Species     | Human, Mouse, Rat                                                                                                                                                                                          |
| Description          | Boster Bio Anti-NPR3 (Natriuretic Peptide Receptor C) mouse monoclonal antibody, clone OTI11B6 (formerly 11B6). Catalog# M03589-3. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Mouse, Rat. |
| Application          | Flow Cytometry, IF, IHC, WB                                                                                                                                                                                |
| Clonality            | Monoclonal OTI11B6                                                                                                                                                                                         |
| Formulation          | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.                                                                                                                                       |
| Storage Instructions | Store at -20°C as received.                                                                                                                                                                                |
| Host                 | Mouse                                                                                                                                                                                                      |
| Uniprot ID           | P17342                                                                                                                                                                                                     |

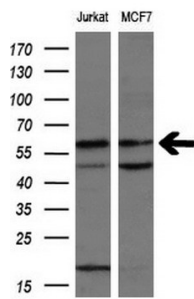
### Technical Details

|                     |                                                                                                                                                                                                                                                                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen           | Full length human recombinant protein of human NPR3 (NP_000899) produced in HEK293T cell.                                                                                                                                                                                                                                                      |
| Isotype             | IgG2b                                                                                                                                                                                                                                                                                                                                          |
| Concentration       | 0.79 mg/ml                                                                                                                                                                                                                                                                                                                                     |
| Purification        | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)                                                                                                                                                                                                                                      |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.<br>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.<br>Some PubMed article(s) citing the expression level of this target are as follows: |

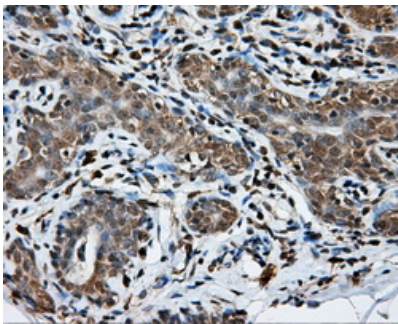
## Anti-Natriuretic Peptide Receptor C (NPR3) Mouse Monoclonal Antibody [Clone ID: OTI11B6] (M03589-3) Images



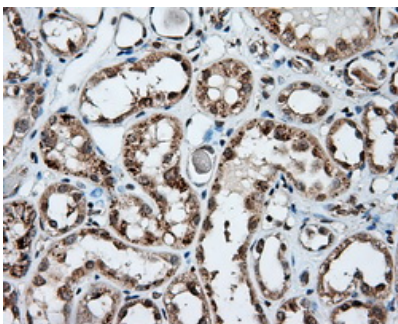
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NPR3 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NPR3.



Western blot analysis of extracts (10ug) from 2 different cell lines by using anti-NPR3 monoclonal antibody at 1:200.

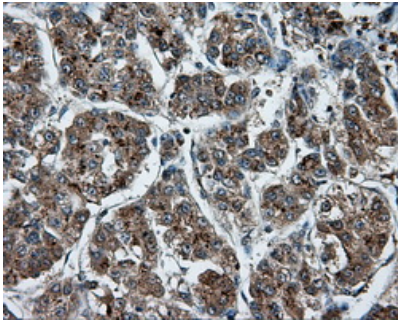
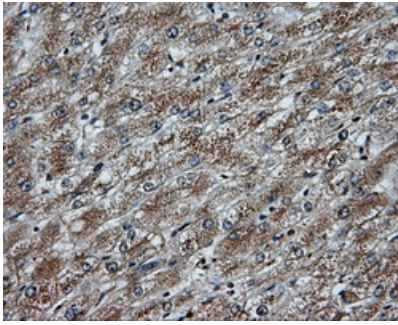


Immunohistochemical staining of paraffin-embedded breast tissue within the normal limits using anti-NPR3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

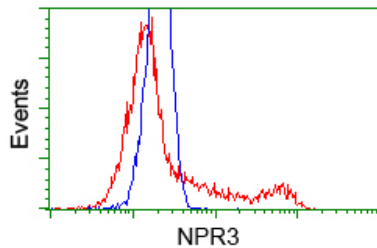


Immunohistochemical staining of paraffin-embedded Kidney tissue within the normal limits using anti-NPR3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

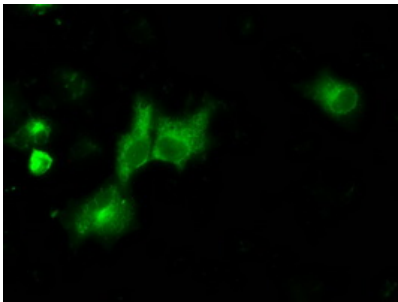
Immunohistochemical staining of paraffin-embedded liver tissue within the normal limits using anti-NPR3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



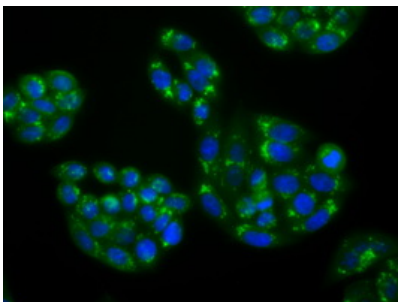
Immunohistochemical staining of paraffin-embedded Carcinoma of liver tissue using anti-NPR3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



HEK293T cells transfected with either pCMV6-ENTRY NPR3 (Red) or empty vector control plasmid (Blue) were immunostained with anti-NPR3 mouse monoclonal (M03589-3)

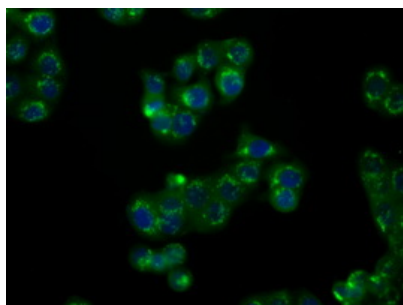


Anti-NPR3 mouse monoclonal antibody (M03589-3) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NPR3.



Immunofluorescent staining of HeLa cells using anti-NPR3 mouse monoclonal antibody (M03589-3).

Immunofluorescent staining of HT29 cells using anti-NPR3 mouse monoclonal antibody (M03589-3).



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