

## Anti-Calpain 9 (CAPN9) Mouse Monoclonal Antibody [Clone ID: OTI2G1]

Catalog Number: M11197

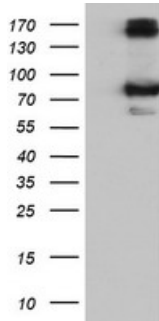
### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Calpain 9 (CAPN9) Mouse Monoclonal Antibody [Clone ID: OTI2G1]  |
| Reactive Species     | Human, Mouse, Rat  |
| Description          | Boster Bio CAPN9 (Calpain 9) mouse monoclonal antibody, clone OTI2G1 (formerly 2G1). Catalog# M11197. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Mouse, Rat.  |
| Application          | Flow Cytometry, IF, IHC, WB  |
| Clonality            | Monoclonal OTI2G1  |
| 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           | O14815   |

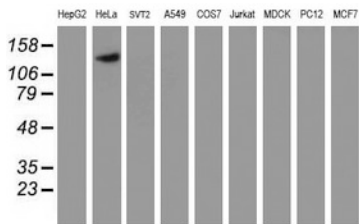
### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | Full length human recombinant protein of human CAPN9 (NP_006606) produced in HEK293T cell.                |
| Isotype             | IgG1  |
| Concentration       | 0.78 mg/ml  |
| Purification        | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Suggested Dilutions | WB 1:500~2000<br>IHC 1:150<br>IF 1:100<br>Flow Cytometry 1:100  |

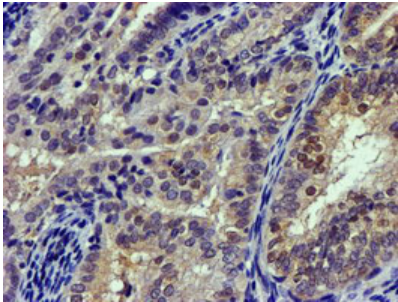
## Anti-Calpain 9 (CAPN9) Mouse Monoclonal Antibody [Clone ID: OTI2G1] (M11197) Images



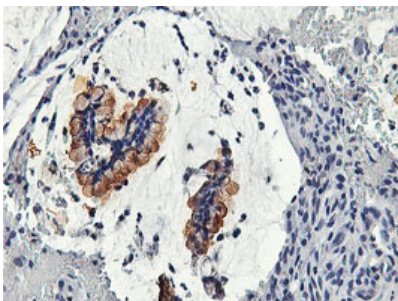
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CAPN9 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CAPN9.



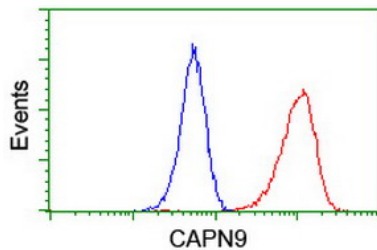
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-CAPN9 monoclonal antibody.



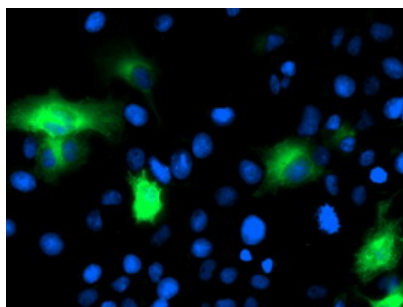
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-CAPN9 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-CAPN9 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Flow cytometric Analysis of Jurkat cells



Anti-CAPN9 mouse monoclonal antibody (M11197)  
immunofluorescent staining of COS7 cells transiently  
transfected by pCMV6-ENTRY CAPN9.

### 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-Calpain 9 (CAPN9) Mouse Monoclonal Antibody [Clone ID: OTI2G1]

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