

# Product Datasheet

## ERK3/MAPK6 Antibody (4C11)

### H00005597-M02

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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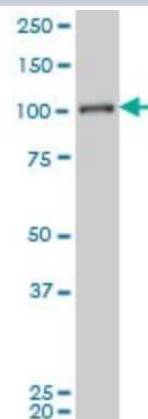
**H00005597-M02****ERK3/MAPK6 Antibody (4C11)**

| <b>Product Information</b>         |                                                                                                                                                                                                                                             |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.05 mg                                                                                                                                                                                                                                     |
| <b>Concentration</b>               | This product is unpurified. The exact concentration of antibody is not quantifiable.                                                                                                                                                        |
| <b>Storage</b>                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                                                                                                                                                |
| <b>Clonality</b>                   | Monoclonal                                                                                                                                                                                                                                  |
| <b>Clone</b>                       | 4C11                                                                                                                                                                                                                                        |
| <b>Preservative</b>                | No Preservative                                                                                                                                                                                                                             |
| <b>Isotype</b>                     | IgG2b Kappa                                                                                                                                                                                                                                 |
| <b>Purity</b>                      | Ascites                                                                                                                                                                                                                                     |
| <b>Buffer</b>                      | In 1x PBS, pH 7.4                                                                                                                                                                                                                           |
| <b>Product Description</b>         |                                                                                                                                                                                                                                             |
| <b>Description</b>                 | Quality control test: Antibody Reactive Against Recombinant Protein.                                                                                                                                                                        |
| <b>Host</b>                        | Mouse                                                                                                                                                                                                                                       |
| <b>Gene ID</b>                     | 5597                                                                                                                                                                                                                                        |
| <b>Gene Symbol</b>                 | MAPK6                                                                                                                                                                                                                                       |
| <b>Species</b>                     | Human, Mouse, Rat                                                                                                                                                                                                                           |
| <b>Reactivity Notes</b>            | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.     |
| <b>Specificity/Sensitivity</b>     | MAPK6 - mitogen-activated protein kinase 6 (4C11)                                                                                                                                                                                           |
| <b>Immunogen</b>                   | MAPK6 (AAH35492, 612 a.a. ~ 721 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>EVRKDEQVEKENTYTSYLDKFFSRKEDTEMLETEPVEDGKLGERGHEEGFLN<br>NSGEFLFNKQLESIGIPQFHSPVGSPLKSIQATLTSPAMKSSPQIPHQTYSSILK<br>HLN |
| <b>Notes</b>                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                          |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                             |
| <b>Applications</b>                | Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Sandwich ELISA, Sandwich ELISA Capture                                                                                                                                         |
| <b>Recommended Dilutions</b>       | Western Blot 1:500, ELISA, Immunocytochemistry/Immunofluorescence, Sandwich ELISA, Sandwich ELISA Capture                                                                                                                                   |
| <b>Application Notes</b>           | Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.                                                                                                                             |

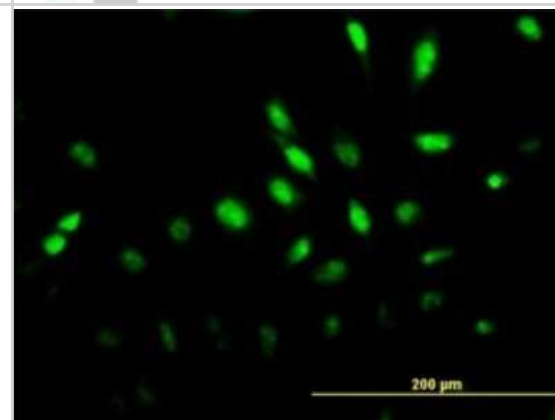


## Images

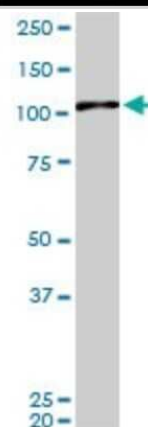
Western Blot: ERK3/MAPK6 Antibody (4C11) [H00005597-M02] - MAPK6 monoclonal antibody (M02), clone 4C11 Analysis of MAPK6 expression in Jurkat.



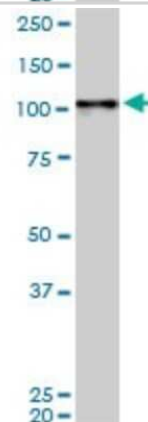
Immunocytochemistry/Immunofluorescence: ERK3/MAPK6 Antibody (4C11) [H00005597-M02] - Analysis of monoclonal antibody to MAPK6 on HeLa cell. Antibody concentration 10 ug/ml.



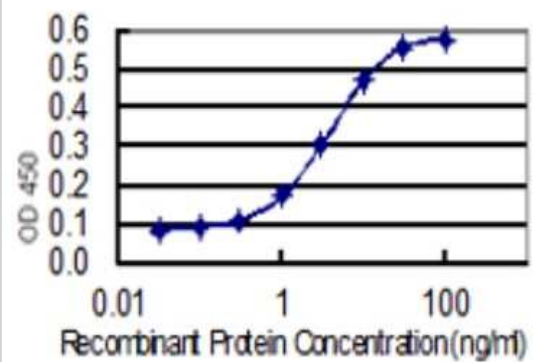
Western Blot: ERK3/MAPK6 Antibody (4C11) [H00005597-M02] - MAPK6 monoclonal antibody (M02), clone 4C11. Analysis of MAPK6 expression in PC-12.



Western Blot: ERK3/MAPK6 Antibody (4C11) [H00005597-M02] - MAPK6 monoclonal antibody (M02), clone 4C11. Analysis of MAPK6 expression in Raw 264.7.



Sandwich ELISA Capture: ERK3/MAPK6 Antibody (4C11) [H00005597-M02] - Detection limit for recombinant GST tagged ERK3/MAPK6 is 0.3 ng/ml as a capture antibody.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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