

# Product Datasheet

## MKK4/MEK4 Antibody (OTI8A8) [Janelia Fluor® 525] NBP2-72710JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-72710JF525**

MKK4/MEK4 Antibody (OTI8A8) [Janelia Fluor® 525]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                                                                                                          |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                     |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                        |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                      |
| Clone                       | OTI8A8                                                                                                                                                                                                                                                                                                                                          |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                              |
| Isotype                     | IgG2b                                                                                                                                                                                                                                                                                                                                           |
| Conjugate                   | Janelia Fluor 525                                                                                                                                                                                                                                                                                                                               |
| Purity                      | Immunogen affinity purified                                                                                                                                                                                                                                                                                                                     |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                              |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                 |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                           |
| Gene ID                     | 6416                                                                                                                                                                                                                                                                                                                                            |
| Gene Symbol                 | MAP2K4                                                                                                                                                                                                                                                                                                                                          |
| Species                     | Human, Mouse, Rat, Canine                                                                                                                                                                                                                                                                                                                       |
| Reactivity Notes            | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Immunogen                   | Full-length protein expressed in 293T cell transfected with human MAP2K4 expression vector                                                                                                                                                                                                                                                      |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                           |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                 |
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, CyTOF-ready                                                                                                                                                                                                                   |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, CyTOF-ready                                                                                                                                                                                                                   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                          |



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**Products Related to NBP2-72710JF525**

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|               |                                       |
|---------------|---------------------------------------|
| NBP2-57194PEP | MKK4/MEK4 Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]              |
| NBL1-12850    | MKK4/MEK4 Overexpression Lysate       |
| NBP2-22203    | ERK1 Antibody (1E5) - BSA Free        |

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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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