

Phospho-EIF2S1 (Ser52) Monoclonal Antibody (S.674.5)

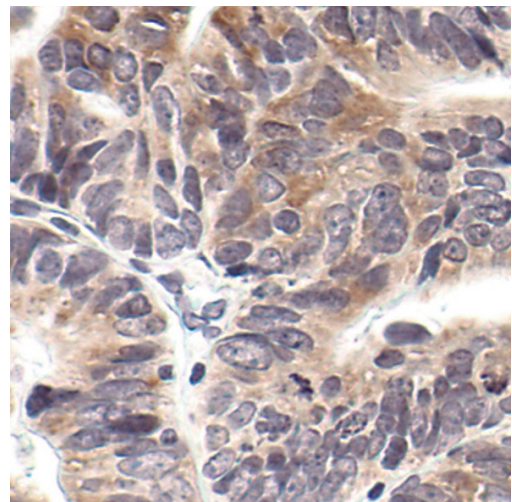
| Product Details | |
|--------------------|--|
| Size | 100 µL |
| Species Reactivity | Fruit fly, Human, Mouse, Non-human primate, Rat |
| Published Species | Mouse, Human |
| Host/Isotype | Rabbit / IgG |
| Class | Monoclonal |
| Type | Antibody |
| Clone | S.674.5 |
| Conjugate | Unconjugated |
| Immunogen | Synthetic phosphopeptide corresponding to residues surrounding pSer52 of human eIF2α |
| Form | Liquid |
| Concentration | 68 µg/mL |
| Purification | Affinity chromatography |
| Storage buffer | 0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol |
| Contains | <0.02% sodium azide |
| Storage conditions | -20°C |
| RRID | AB_10983400 |

| Applications | Tested Dilution | Publications |
|---|-----------------|----------------|
| Western Blot (WB) | 1:1,000 | 9 Publications |
| Immunohistochemistry (IHC) | - | 1 Publication |
| Immunohistochemistry (Paraffin) (IHC (P)) | 1:75-1:300 | - |
| Immunoprecipitation (IP) | 1:50 | - |

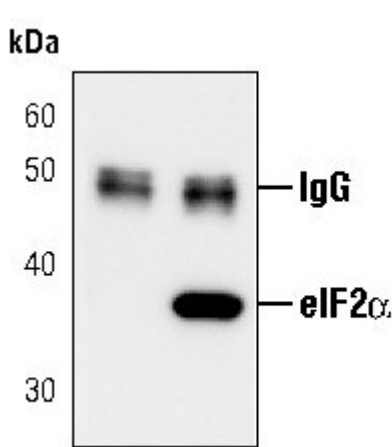
Product Specific Information

It is not recommended to aliquot this antibody.

Product Images For Phospho-EIF2S1 (Ser52) Monoclonal Antibody (S.674.5)



Phospho-EIF2S1 (Ser52) Antibody (MA5-15133) in IHC (P)
Immunohistochemical analysis of Phospho-eIF2-alpha pSer52 in paraffin-embedded human lung carcinoma using a Phospho-eIF2-alpha pSer52 monoclonal antibody (Product # MA5-15133) in the presence of control peptide (left) or Phospho-eIF2alpha (Ser52) blocking peptide (right).



Phospho-EIF2S1 (Ser52) Antibody (MA5-15133) in IP
Western blot analysis of immunoprecipitates from PC12 cells (Lane 1) lysate control (Lane 2) antibody alone as negative control (Lane 3) antibody immunocomplex of PC12 cells.

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Western Blot (9)

| | |
|---|--------------------|
| Antioxidants (Basel, Switzerland) | Year 2021 |
| Fisetin Protects HaCaT Human Keratinocytes from Fine Particulate Matter (PM_{2.5})-Induced Oxidative Stress and Apoptosis by Inhibiting the Endoplasmic Reticulum Stress Response. | Species Human |
| "MA5-15133 was used in Western Blotting to suggest that fisetin inhibits PM2.5-induced apoptosis by inhibiting the ER stress response and production of ROS." | |
| Authors: Molagoda IMN,Kavinda MHD,Choi YH,Lee H,Kang CH,Lee MH,Lee CM,Kim GY | |
| Antioxidants (Basel, Switzerland) | Year 2021 |
| Protective Effect of Anthocyanin-Enriched Polyphenols from <i>Hibiscus syriacus</i> L. (Malvaceae) against Ultraviolet B-Induced Damage. | Species Human |
| "Published figure using Phospho-EIF2S1 (Ser51) monoclonal antibody (Product # MA5-15133) in Western Blot" | Dilution 1:1000 |
| Authors: Karunarathne WAHM,Molagoda IMN,Lee KT,Choi YH,Yu SM,Kang CH,Kim GY | |

View more WB references on thermofisher.com

Immunohistochemistry (1)

| | |
|---|-------------------|
| International journal of molecular sciences | Year 2022 |
| Host Tau Genotype Specifically Designs and Regulates Tau Seeding and Spreading and Host Tau Transformation Following Intrahippocampal Injection of Identical Tau AD Inoculum. | Species Mouse |
| "MA5-15133 was used in Immunohistochemistry to investigate the importance of host tau in tau seeding and the molecular changes associated with the transformation of host tau into abnormal tau." | Dilution 1:100 |
| Authors: Andrés-Benito P,Carmona M,Jordán M,Fernández-Irigoyen J,Santamaría E,Del Rio JA,Ferrer I | |

More applications with references on thermofisher.com

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