

## Anti-eIF4A3 Rabbit mAb

Purified Rabbit Monoclonal Antibody

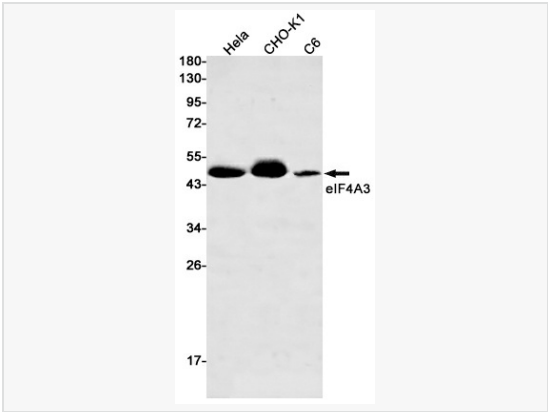
Catalog # R011519

### Product Information

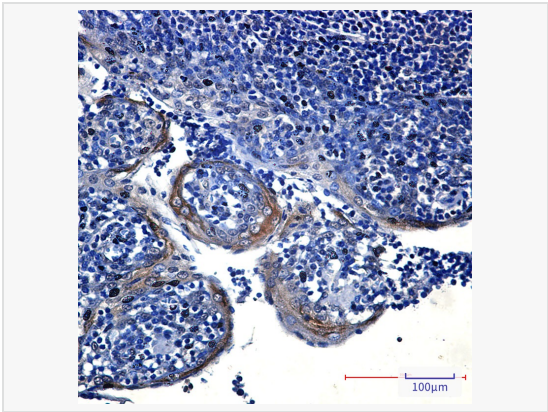
|             |                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Application | IP, ELISA, WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell)                                                                |
| Reactivity  | Human, Rat, Hamster                                                                                                                   |
| Dilution    | WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20                                                                            |
| Host        | Rabbit                                                                                                                                |
| Clonality   | Monoclonal                                                                                                                            |
| Clone No.   | 25L73M36                                                                                                                              |
| Isotype     | IgG                                                                                                                                   |
| Label       | Unconjugated                                                                                                                          |
| Immunogen   | A synthetic peptide of human Eif4a3                                                                                                   |
| Format      | Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified. |
| Storage     | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.           |
| Precautions | Anti-eIF4A3 antibody [25L73M36] is for research use only and not for use in diagnostic or therapeutic procedures.                     |

### Protein Information

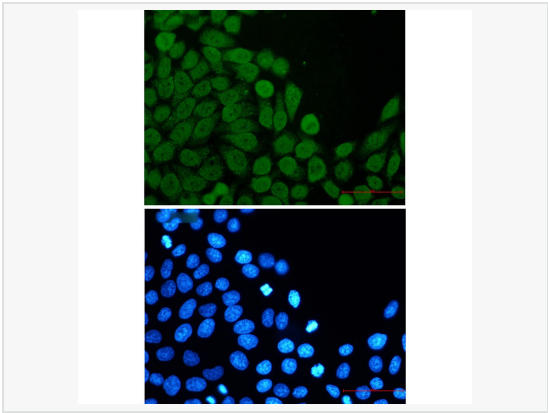
|               |                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synonyms      | DDX48, EIF4A3, eIF4AIII, hNMP 265, NMP 265, NMP265, NUK34.                                                                                                                                                                                                                                                                                                                                    |
| Calculated MW | Calculated MW: 47 kDa; Observed MW: 47 kDa                                                                                                                                                                                                                                                                                                                                                    |
| Uniprot ID    | P38919                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene ID       | 9775                                                                                                                                                                                                                                                                                                                                                                                          |
| Background    | ATP-dependent RNA helicase. Component of a splicing-dependent multiprotein exon junction complex (EJC) deposited at splice junction on mRNAs. The EJC is a dynamic structure consisting of a few core proteins and several more peripheral nuclear and cytoplasmic associated factors that join the complex only transiently either during EJC assembly or during subsequent mRNA metabolism. |



Western blot analysis of eIF4A3 in HeLa, CHO-K1, C6 lysates using eIF4A3 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Eif4a3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of Eif4a3 (green) in HeLa using Eif4a3 antibody and DAPI (blue)