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# Anti-DIS3L2 Antibody

Catalog # AP95799

## Product Information

| | |
|---|---|
| **Application** | WB, IHC, FC |
| **Primary Accession** | Q8IYB7 |
| **Reactivity** | Human |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Calculated MW** | 99279 |

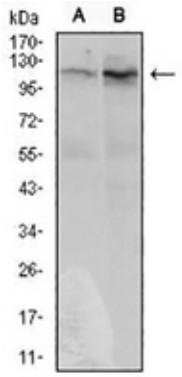
## Additional Information

| | |
|---|---|
| **Gene ID** | 129563 |
| **Other Names** | FAM6A; DIS3-like exonuclease 2; hDIS3L2 |
| **Target/Specificity** | Recombinant fusion protein of human DIS3L2 expressed in E. Coli |
| **Dilution** | WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200) |
| **Format** | Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

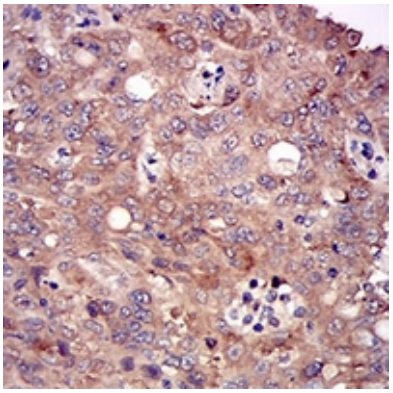
## Protein Information

| | |
|---|---|
| **Name** | DIS3L2 {ECO:0000255\|HAMAP-Rule:MF_03045} |
| **Synonyms** | FAM6A |
| **Function** | 3'-5'-exoribonuclease that specifically recognizes RNAs polyuridylated at their 3' end and mediates their degradation. Component of an exosome-independent RNA degradation pathway that mediates degradation of both mRNAs and miRNAs that have been polyuridylated by a terminal uridylyltransferase, such as ZCCHC11/TUT4. Mediates degradation of cytoplasmic mRNAs that have been deadenylated and subsequently uridylated at their 3'. Mediates degradation of uridylated pre-let-7 miRNAs, contributing to the maintenance of embryonic stem (ES) cells. Essential for correct mitosis, and negatively regulates cell proliferation. |
| **Cellular Location** | Cytoplasm. Cytoplasm, P-body |

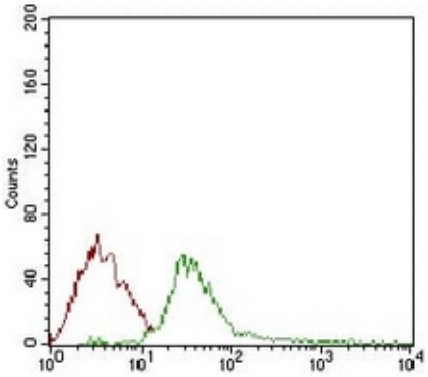
## Images




Western blot analysis of DIS3L2 expression in Hela (A), HepG2 (B) whole cell lysates. (Predicted band size: 99 kD; Observed band size: 115 kD)



Immunohistochemical analysis of DIS3L2 staining in human endometrial cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.




Flow cytometric analysis of Jurkat cells using Anti-DIS3L2 Antibody (green) and negative control (red).