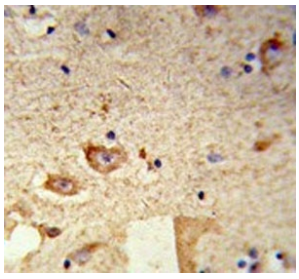
# Destrin Antibody / DSTN (F55025)

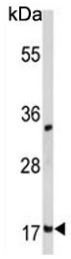
| Catalog No. | Formulation | Size |
|---|---|---|
| F55025-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F55025-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

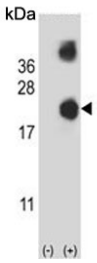
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity purified |
| **UniProt** | P60981 |
| **Localization** | Cytoplasmic, extracellular |
| **Applications** | Western blot: 1:500-1:1000<br>Flow cytometry: 1:10-1:50 (1x10e6 cells)<br>Immunohistochemistry (FFPE): 1:50-1:100 |
| **Limitations** | This Destrin antibody is available for research use only. |



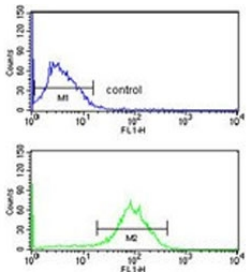
IHC testing of FFPE human brain tissue with Destrin antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.




Western blot testing of human MCF7 cell lysate with Destrin antibody. Predicted molecular weight ~19 kDa.




Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with Destrin antibody.




Flow cytometry testing of human MCF7 cells with Destrin antibody; Blue=isotype control, Green= Destrin antibody.

## Description

DSTN belongs to the actin-binding proteins ADF family. This family of proteins is responsible for enhancing the turnover rate of actin in vivo. This protein encodes the actin depolymerizing protein that severs actin filaments (F-actin) and binds to actin monomers (G-actin).

## Application Notes

The stated application concentrations are suggested starting points. Titration of the Destrin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 70-98 from the human protein was used as the immunogen for the Destrin antibody.

## Storage

Aliquot the Destrin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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