

## Anti-Destrin Antibody (6G799)

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat)
Molecular Weight:	Theoretical: 19 kDa. Actual: 19 kDa.
Clone:	6G799
Purification:	Protein A purified

## Applications

Verified Activity:	<p>1. Western blot analysis of (1) HeLa cell lysate; (2) NIH/3T3 cell lysate. Using Destrin (TMAB-05105) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p> <p>2. 4% Paraformaldehyde-fixed MCF-7 (H) cell; Triton X-100 at r. T. for 20 min; Antibody incubation with (Destrin) monoclonal Antibody, unconjugated (TMAB-05105) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green) at 37°C for 90 min, DAPI (blue) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.</p> <p>3. The HepG2 (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.). Primary Antibody (green): Rabbit Anti-Destrin antibody (TMAB-05105, 1:100); Secondary Antibody (white blue): Goat anti-Rabbit IgG-BF488: 1 µg/test. Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.</p>
Application:	FCM,ICC/IF
Recommended	FCM=1:50-100; ICC/IF=1:50-200

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized peptide: human Destrin
Antigen Species:	Human
Gene ID:	11034
Uniprot ID:	P60981

## Research Background

Actin-depolymerizing protein. Severs actin filaments (F-actin) and binds to actin monomers (G-actin). Acts in a pH-independent manner.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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