

## Catalog #: 5558

### Aliases

YWHAQ; Tyrosine 3-Monooxygenase/Tryptophan 5-Monooxygenase Activation Protein Theta; 14-3-3; HS1; Tyrosine 3-Monooxygenase/Tryptophan 5-Monooxygenase Activation Protein, Theta Polypeptide; 14-3-3 Protein T-Cell; 14-3-3 Protein Theta; 14-3-3 Protein Tau; Protein, Theta; 14-3-3 Theta; Protein Tau; Protein HS1; 1C5

### Background

Gene Name: YWHAQ

NCBI Gene Entry: [10971](#)

UniProt Entry: [P27348](#)

### Application Information

Molecular Weight: Predicted, 28 kDa; observed, 28 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB4250

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM)

### Immunogen

A synthesized peptide derived from human 14-3-3 Theta/Tau

### Isotype

Rabbit IgG

### Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

### Storage

Store at -20 °C for one year.

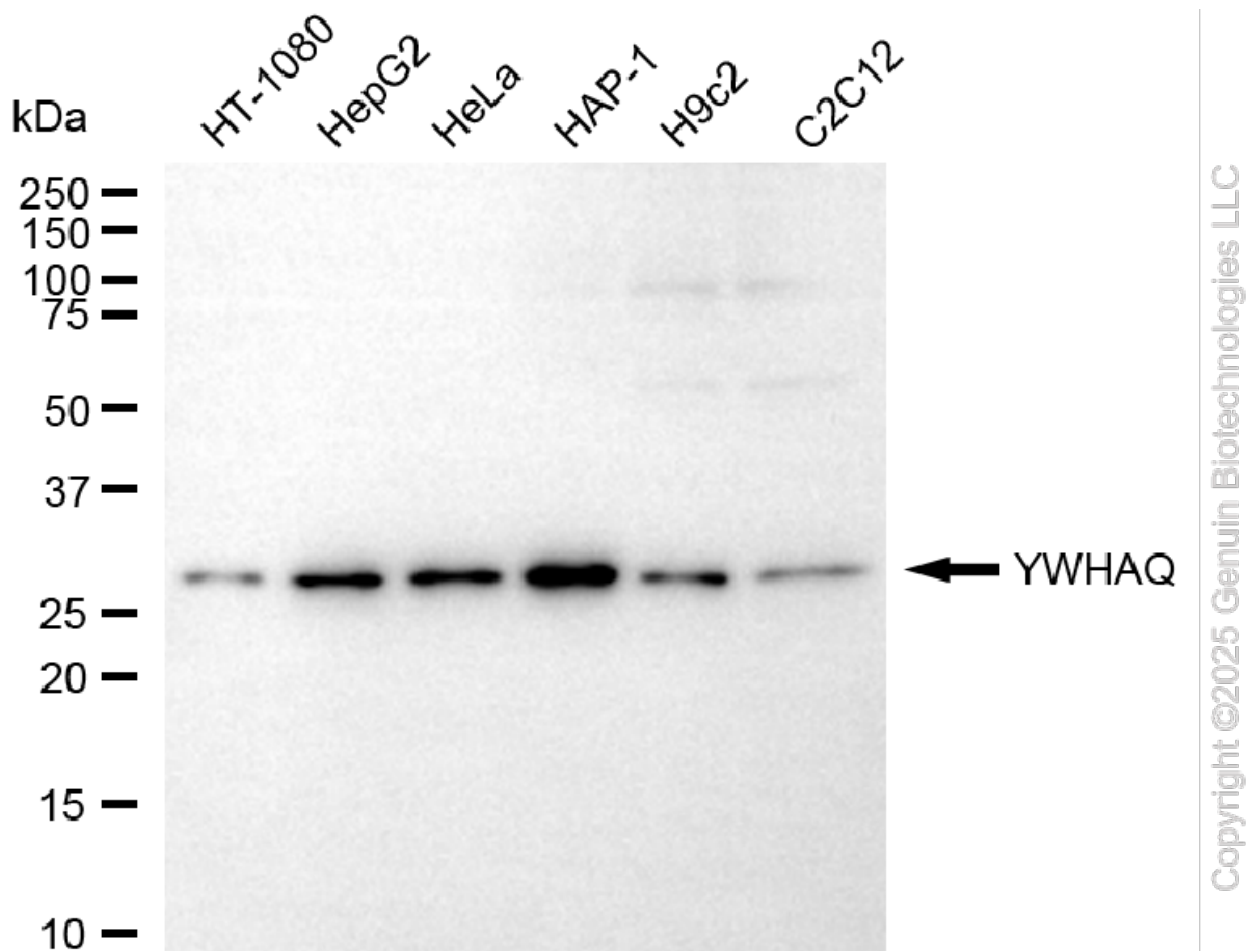
### Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500

Flow Cytometry (FCM): 1:2,000

**Note:** This product is for research use only.

## Validation Data



Western blotting analysis using anti-YWHAQ antibody (Cat#5558). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-YWHAQ antibody (Cat#5558, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

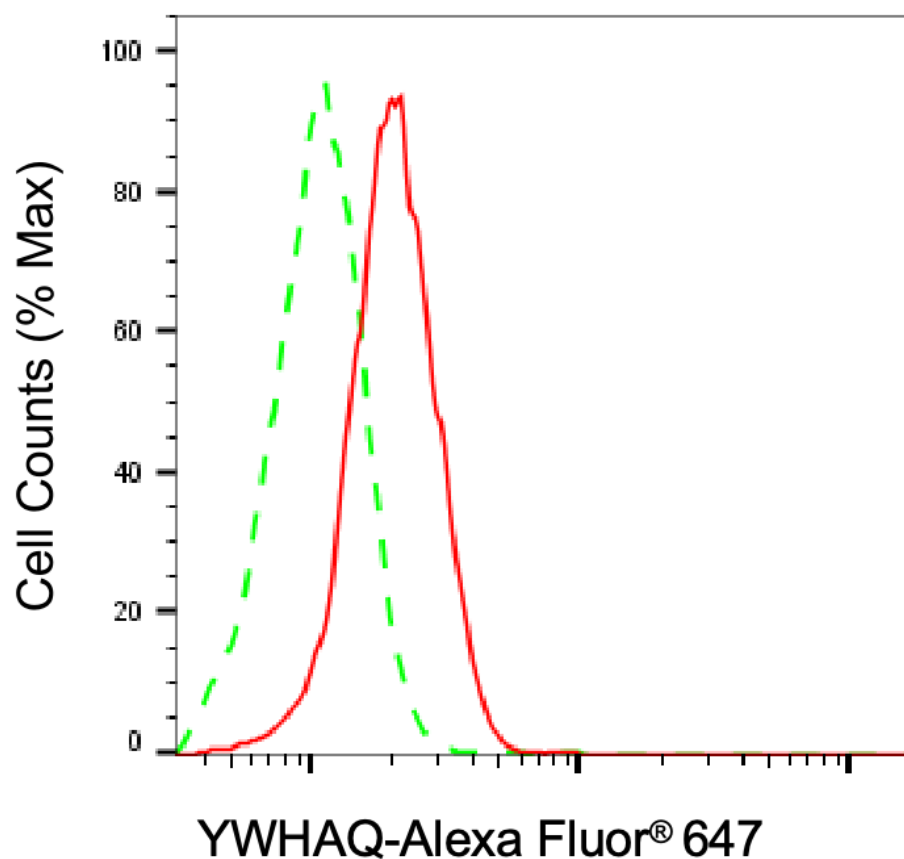
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Flow cytometric analysis of YWHAQ expression in HAP-1 cells using anti-YWHAQ antibody (Cat#5558, 1:2,000). Green, isotype control; red, YWHAQ.