Anti-Phospho-TAK1 (S439) Recombinant Rabbit Monoclonal Antibody



Catalog #: 2413

Aliases

Mitogen-Activated Protein Kinase Kinase Kinase 7; MEKK7; TAK1; Transforming Growth Factor-Beta-Activated Kinase 1; TGF-Beta Activated Kinase 1; EC 2.7.11.25; TGF-Beta-Activated Kinase 1; EC 2.7.11; TGF1a; CSCF; FMD2

Background

Gene Name: MAP3K7 NCBI Gene Entry: 6885 UniProt Entry: O43318

Application Information

Molecular Weight: Predicted, 67 kDa; observed, 72 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB725

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human Phospho-TAK1 (S439)

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

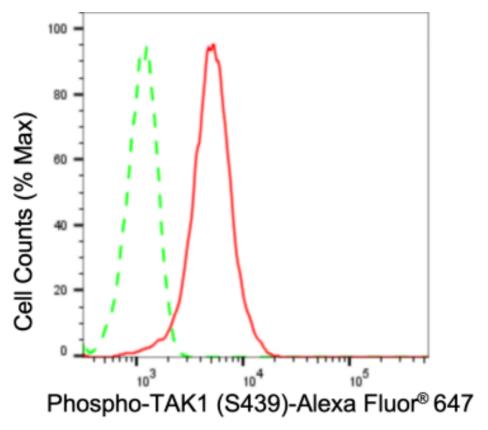
Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

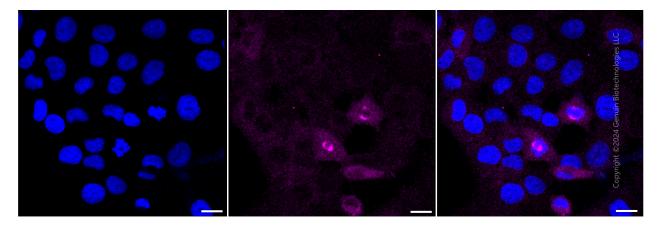
Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

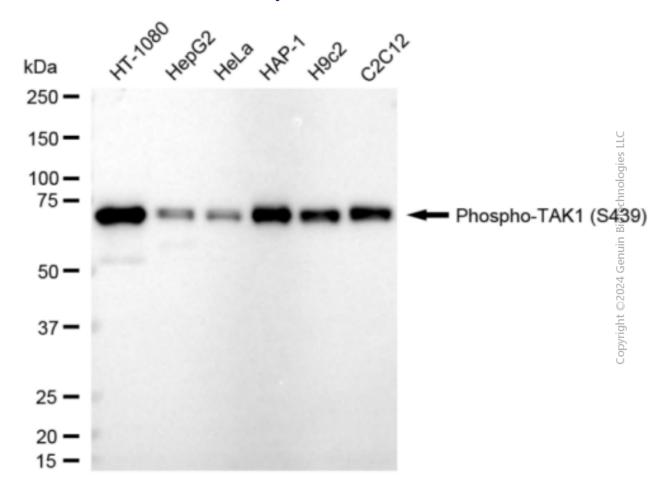


Flow cytometric analysis of Phospho-TAK1 (S439) expression in HT-1080 cells using Phospho-TAK1 (S439) antibody (Cat#2413, 1:2,000). Green, isotype control; red, Phospho-TAK1 (S439).



Immunocytochemical staining of HT-1080 cells with anti-Phospho-TAK1 (S439) antibody (Cat#2413, 1:1,000). Nuclei were stained blue with DAPI; Phospho-TAK1 (S439) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.

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Western blotting analysis using anti-Phospho-TAK1 (S439) antibody (Cat#2413). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospho-TAK1 (S439) antibody (Cat#2413, 1:5,000) and HRP-conjugated goat antirabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).