

Anti-GBP2 Antibody (9G855)

Product Details

Ig Type:	IgG2b
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9G855
Purification:	Protein G purified

Applications

Verified Activity:	<p>1. Immunofluorescence staining of U87 cells with TMAH-00477 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).</p> <p>2. IHC image of TMAH-00477 diluted at 1:100 and staining in paraffin-embedded human colon tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.</p>
Application:	ELISA, IHC, IF

Properties

Purity:	>95%
Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human Guanylate-binding Protein 2 Protein (100-259AA)
Antigen Species:	Human
Gene ID:	2634
Uniprot ID:	P32456
Biology Area:	Immunology

Research Background

Hydrolyzes GTP to GMP in 2 consecutive cleavage reactions, but the major reaction product is GDP. Exhibits antiviral activity against influenza virus. Promotes oxidative killing and delivers antimicrobial peptides to autophagolysosomes, providing broad host protection against different pathogen classes.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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