

Anti-TPSB2 Antibody (4C309)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human, Mouse
Conjugation:	Unconjugated
Clone:	4C309
Purification:	Affinity-chromatography

Applications

1. Western Blot
 - Positive WB detected in: Mouse Kidney tissue lysate,
 - All lanes: TPSB2 antibody at 1:1000
 - Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution
 - Predicted band size: 30 kDa
 - Observed band size: 30 kDa

Verified Activity: 2. Overlay Peak curve showing K562 cells stained with TMAH-01210 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody ($1\mu\text{g}/1*10^6$ cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG (H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was rabbit IgG ($1\mu\text{g}/1*10^6$ cells) used under the same conditions. Acquisition of >10,000 events was performed.

Application: ELISA, WB, FCM

Recommended WB:1:500-1:2000; FCM:1:50-1:200.

Properties

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:	A synthetic peptide: Human TPSB2
Antigen Species:	Human
Gene ID:	64499
Uniprot ID:	P20231
Biology Area:	Others

Research Background

Tryptase is the major neutral protease present in mast cells and is secreted upon the coupled activation-degranulation response of this cell type. May play a role in innate immunity.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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