

Anti-GPRC5D Antibody-PE (8B50)

Product Details

Ig Type:	Mouse IgG2b
Reactivity:	Human
Conjugation:	PE
Clone:	8B50
Purification:	Protein A

Applications

Verified Activity:	Flow cytometric analysis of Human GPRC5D expression on CHO-K1 Cells were stained with PE-conjugated anti-Human GPRC5D. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.
Application:	FCM
Recommended	5 μ L/Test, 0.1 mg/mL

Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human GPRC5D Protein
Antigen Species:	Human
Synonyms:	GPRC5D

Research Background

Orphan G-protein-coupled receptor family C group 5 member D (GPRC5D) has seven transmembrane segments forming the core of the receptor, as well as an intracellular C-tail and an extracellular N-terminal domain. GPRC5D is highly and selectively expressed on the surface of CD138+ multiple myeloma (MM) cells, whereas in normal tissues, a much lower expression is limited to plasma cells and certain hard keratinizing tissues. This makes GPRC5D a promising marker for monitoring tumor load and a target antigen for MM-specific T cell-engaging therapies such as bispecific antibodies and CAR-T cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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