9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-GCLM Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1522

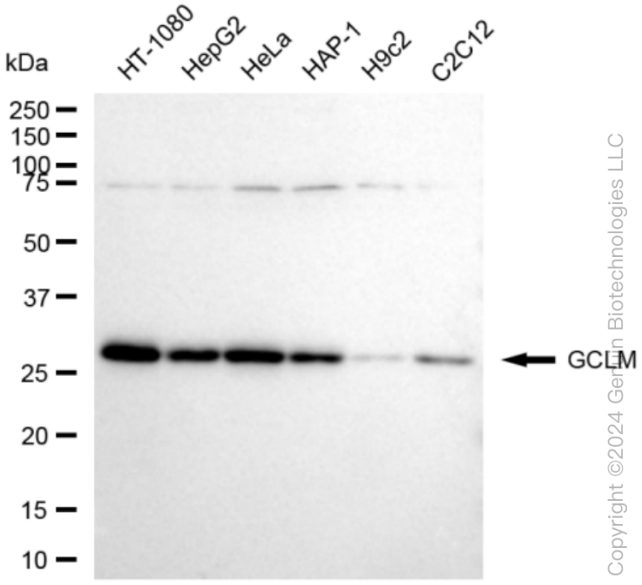
Product Overview

Name	KD-Validated Anti-GCLM Rabbit Monoclonal Antibody
Accession(Primary)	P48507
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human GCLM
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 31 kDa , observed, 28 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM):1:2,000

Target information (P48507)

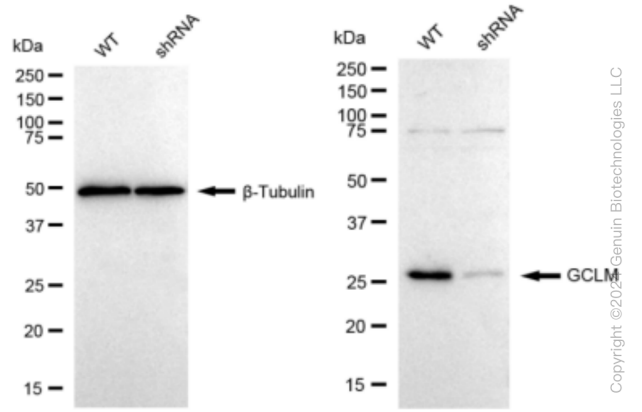
Gene Name	GCLM
About Gene Symbol	GCLM (Glutamate-Cysteine Ligase Modifier Subunit) is a biosynthetic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanis

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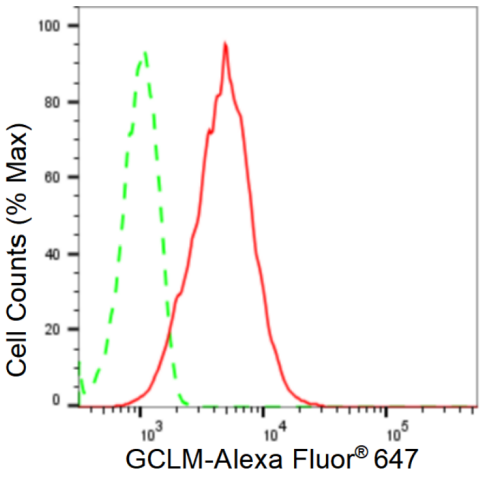
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Western blotting analysis using anti-GCLM antibody (Cat#ABG1522). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-GCLM antibody (Cat#ABG1522, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-GCLM antibody (Cat#ABG1522). GCLM expression in wild type (WT) and GCLM shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-GCLM antibody (Cat#ABG1522, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of GCLM expression in HepG2 cells using GCLM antibody (Cat#ABG1522, 1:2,000). Green, isotype control; red, GCLM.