

Anti-Phosphatidylglucoside [rGL-7] Standard Size Ab00441-24.1

This chimeric goat antibody was made using the variable domain sequences of the original Human Fab format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Goat IgG, Kappa

Clone Number: rGL-7

Alternative Name(s) of Target: PhGlc

UniProt Accession Number of Target Protein:

Published Application(s): IP, ELISA, IF

Published Species Reactivity: Human

Immunogen: Human Peripheral Lymphocytes (HPL).

Specificity: This antibody binds specifically to PhGlc.

Application Notes: This antibody binds to phosphatidylglucoside, a glyco-glycerophospholipid which is involved in the signalling leading to granulocyte differentiation. The antibody stimulates rapid tyrosine phosphorylation of the Src-family protein kinases Lyn and Hck.

Antibody First Published in: Natasuka et al. Carbohydrate-dependent signaling from the phosphatidylglucoside-based microdomain induces granulocytic differentiation of HL60 cells. Proceedings of the National Academy of Sciences 2003; 100(13):7454-7459 [PMID:12802014](#)

Note on publication: Describes the identification of a glycolipid component in granulocytic signalling leading to CD38 expression.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.