

Anti-alpha-gal epitope [m86] Standard Size Ab00532-10.0

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

Isotype and Format: Human IgG1, Kappa

Clone Number: m86

Alternative Name(s) of Target: A-Gal; Gal-alpha-1 - 3Gal-beta-1 - 4GlcNAc-R

UniProt Accession Number of Target Protein:

Published Application(s): ELISA, FC

Published Species Reactivity: Species independent

Immunogen: Rabbit red cells, on which α -gal is the major carbohydrate epitope, were injected into alpha 1,3 galactosyltransferase knock-out mice.

Specificity: This antibody binds to the alpha-gal epitope on glycoproteins and glycolipids.

Application Notes: This antibody binds to the alpha-gal epitope found on many glycoproteins and glycolipids of non-primate mammals, prosimians and New World monkeys. Antibodies against the alpha-gal epitopes occur naturally in Old World monkeys, apes and humans, and induce xenograft rejection from non-primate animals.

Antibody First Published in: Chen, Radic and Galili Genes coding evolutionary novel anti-carbohydrate antibodies: studies on anti-Gal production in alpha 1,3 galactosyltransferase knock out mice. Mol Immunol. 2000 Jun;37(8):455-66. [PMID:11090880](#)

Note on publication: Describes the generation and characterization of anti-gal epitope antibodies raised in alpha 1,3 galactosyltransferase knock-out mice.

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.