

Anti-alpha-gal epitope [m86] Standard size

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Description: Recombinant monoclonal antibody to alpha-gal epitope. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the hybridoma m86. 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

UniProt Accession Number of Target Protein:

Published Application(s): FC; ELISA

Published Species Reactivity: Species independent

Immunogen: Rabbit red cells 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 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

This is a Standard size product. 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: See vial label

Product Code: Ab00532-10.0

Human IgG1

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