

## Anti-CD103/Itgae Antibody Biotin Conjugated

Catalog Number: A07091-2-Biotin

### About Itgae

ITGAE(INTEGRIN, ALPHA-E), also known as CD103, is an integrin protein that in human is encoded by the ITGAE gene. The ITGAE gene is mapped to chromosome 17p13 by inclusion within a BAC contig. ITGAE is expressed widely on intraepithelial lymphocyte(IEL) T cells(both alphabeta T cells and gammadelta T cells) and on some peripheral regulatory T cells(Tregs) which is important for decreasing the immune response and appears to play a crucial role in the prevention of autoimmune diseases. ITGAE shares overall homology with other alpha integrins but has a unique 55-amino acid "extra" region located just N-terminal to the I domain that contains 18 consecutive charged residues and a proteolytic cleavage site.

### Overview

Product Name	Anti-CD103/Itgae Antibody Biotin Conjugated
Reactive Species	Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q60677

### Technical Details

Immunogen	E.coli-derived mouse CD103/Itgae recombinant protein (Position: F20-E1061).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

## Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-CD103/Itgae Antibody - Biotin

For Research Use Only. Not for use in diagnostic procedures.