

Anti-GAD65/67 Recombinant Chicken Chimeric mAb (BSA and Azide Free)



Product Details

Available Variants	100 µL (SKU:78-508-CF)
Conjugate	Unconjugated, Carrier Free
Isotype	IgY
Clone	L127/12
Gene Name	GAD1, GAD, GAD67
Host Species	Chicken
Concentration	Lot dependent: provided at 0.6-1.0 mg/mL
Format	Purified by affinity chromatography
Physical State	Liquid
Buffer	PBS
Production Notes	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone L127/12 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone L127/12 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in mammalian cells and then affinity purified from the cell culture media and buffer exchanged into 1X PBS.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:1000 IHC: 1:100 ICC: 1:100
Immunogen	Fusion protein amino acids 1-594 (full-length) of human GAD67 (accession number Q99259) produced recombinantly in E. Coli

Specificity	Cross-reacts with GAD25, GAD44 and GAD65/GAD2
Molecular Weight	70 kDa
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
UniProt ID	<u>Q99259</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



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