

**Name:**  
**Product Data Sheet - CARRIERFREE****Catalog: CF500090****Components:** • (CF500090)**Amount:** 100ug**Immunogen:** Recombinant fragment expressed in E.coli corresponding to amino acids 1-214of human Ngn3**Host:** Mouse**Isotype:** IgG2b**Species Reactivity:** Human**Guaranteed Applications:****Suggested Dilutions:** WB: 1:500, IHC: 1:150**Buffer:** PBS (pH7.3), 8% Trehalose**Purification:****Storage Condition:** Shipped at room temperature. Upon delivery store at -20C.  
Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.**Reconstitution:** Reconstitute with PBS (pH7.3). To use this carrier-free antibody for conjugation experiment, we strongly recommend you to perform another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)

## Target

**Target Name:** Homo sapiens neurogenin 3 (NEUROG3)**Alternative Name:** Atoh5; bHLHa7; Math4B; NGN-3; ngn3**Database Link:** [NP\\_066279](#)**Function:** Neurogenin-3 (NEUROG3) is expressed in endocrine progenitor cells and is required for endocrine cell development in the pancreas and intestine (Wang et al., 2006 [PubMed 16855267]). It belongs to a family of basic helix-loop-helix transcription factors involved in the determination of neural precursor cells in the neuroectoderm (Gradwohl et al., 2000 [PubMed 10677506]).

***This product is to be used for laboratory only. Not for diagnostic or therapeutic use.***