**RSR**

**SPECIFICATIONS**

**GLUTAMIC ACID DECARBOXYLASE (GAD) HUMAN MONOCLONAL ANTIBODY**

**RSR - GAD hMAb 3C3**

Isotype /Light chain:  IgG 1 kappa

Affinity constant:  $1.3 \times 10^{10}$ L/mol

Expression system:  IgG purified from hybridoma culture supernatant

Molecular weight:  150,000

Available forms:  Vials containing 0.1mg (0.1mL) or 0.5mg (0.5mL) IgG in PBS plus NaN₃ (0.2mg/mL) liquid

Order code:  GAD3C3/FR/0.1
             GAD3C3/FR/0.5

Applications:  Suitable for use in GADAb radioimmunoassay (RIA), enzyme linked immunosorbent assay (ELISA) and western blotting

Storage:  -20°C or below

Literature:  “Isolation and characterization of human monoclonal autoantibodies to glutamic acid decarboxylase”
             N Hayakawa et al
             Autoimmunity 2002 35: 343-355

Western blot:  Reactivity of GAD hMAb 3C3 IgG at 1 µg/mL with;
               lane 1: 0.3µg of GAD₆₅; lane 2: 1µg of GAD₆₅; lane 3: 3µg of GAD₆₅ per lane, respectively

![Western blot image](image-url)