RSR

SPECIFICATIONS

IA-2 HUMAN MONOCLONAL ANTIBODY

RSR - IA-2 hMAb M13

Isotype /Light chain:  IgG1 kappa

Affinity constant:  \(2 \times 10^6\) L/mol at 2-8 °C , \(5.8 \times 10^6\) L/mol at 20°C

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:  IA2M13/FR/0.1
             IA2M13/FR/0.5

Applications:  Suitable for use in IA-2 Ab (ICA512 Ab) radioimmunoassay (RIA), enzyme linked immunosorbent assay (ELISA) and western blotting

Storage:  -20°C or below

Literature:

“Isolation and characterisation of a human monoclonal autoantibody to the islet cell autoantigen IA-2”
R Anaieva-Jordanova et al
J of Autoimmunity 2005 24: 337-345

Autoantibodies and associated T-cell responses to determinants within the 831-860 region of the autoantigen IA-2 in type 1 diabetes
S. M. Weenink et al
J of Autoimmunity 2009 33: 147-154

Western blot:

Reactivity of IA-2 hMAb M13 IgG at 0.1µg/mL with;
lane 1: 0.3µg of IA-2; lane 2: 1µg of IA-2; lane 3: 3µg of IA-2 per lane, respectively (intracellar fragment aa 604-979)