

AM20248BT-N**Monoclonal Antibody to Human IgA2 (A2m2 Allotype Specific) - Biotin**

Quantity: 0.2 mg
Concentration: 0.4 mg/ml
Host / Isotype: Mouse / IgG1
Recommended Isotype Controls: SM10B (for use in human samples)

Clone: NI 194-3 (A89-040)

Immunogen: Highly purified monoclonal IgA2(m)2 isolated from Human serum.

Format: **State:** Lyophilized purified Ig fraction.

Buffer System: PBS, pH 7.2 without preservatives or foreign proteins.

Label: Biotin

Molar Ratio: Biotin/IgG ~9.4

Reconstitution: Restore by adding 0.5 ml sterile distilled water.

Applications: To identify the presence of IgA2(m)2 in human serum, other body fluids, cell and tissue substrates and to determine its concentration in techniques as ELISA, Immunoperoxidase staining of cytoplasmic IgA2(m)2, and Immunoblotting. As a second step an avidin or streptavidin conjugate of the customer's choice have to be used.

General Recommended Dilutions:

Histochemical Use: 1/50-1/200

ELISA: from 1/200 upwards.

Western blot: from 1/200 upwards.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: The reactivity of the antiserum is restricted to a subclass specific determinant on the IgA2(m)2 molecule as tested in Haemagglutination, Haemagglutination inhibition, direct binding enzyme immunoassay, competitive Inhibition Enzyme immunoassay, Immunoblotting, Immunoprecipitation, latex agglutination assay and Histochemistry (Results of an IUIS/WHO collaborative study, Mestecky J. et al. 1996, J. Immunol. Methods 193, 103-148).

The antiserum does not react with any other component of the human Ig system or any other human plasma protein as tested. This antiserum has not been tested for cross-reactivity with other species.

Species: Human.

Other species not tested.

Storage: Store lyophilized at 2-8°C and reconstituted at 2-8°C for one week or (in aliquots) at -20°C for longer.

Avoid Repeated thawing and freezing.

Shelf life: one year from despatch.