

AM20247PU-N**Monoclonal Antibody to Human IgA2 - Azide Free**

Quantity:	0.2 mg
Concentration:	0.4 mg/ml
Host / Isotype:	Mouse / IgG1
Clone:	NI 512 (A89-038)
Immunogen:	Highly purified monoclonal IgA2 isolated from pooled Human serum
Format:	State: Lyophilized purified Ig fraction Purification: Immunoaffinity Chromatography Buffer System: PBS, pH 7.2 without preservatives and foreign proteins Reconstitution: Restore by adding 0.5 ml sterile distilled water.
Applications:	To identify the presence of IgA2 in Human serum, other body fluids, cell and tissue substrates and to determine its concentration in techniques as Radioimmunoassay, ELISA, indirect Immunoperoxidase and Immunofluorescence staining of cytoplasmic IgA2, Haemagglutination and Immunoblotting. <u>General Recommended Dilutions:</u> Histochemical Use: 1/50-1/200. ELISA: from 1/200 upwards. Western blot: from 1/500 upwards. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	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. The reactivity of the antiserum is restricted to a subclass specific determinant on the IgA2 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). Species: Human. Other species not tested.
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one week or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.