

AM20253AF-N**Monoclonal Antibody to Human IgG2 (F(ab)2 specific) - Ascites**

Alternate names:	Human Immunoglobulin G2
Quantity:	0.5 mg
Concentration:	1.0 mg/ml
Host / Isotype:	Mouse / IgG1
Clone:	NI 6014 (HP 6014)
Immunogen:	Highly purified monoclonal IgG1 isolated from pooled Human serum.
Format:	State: Lyophilized (Delipidated, heat inactivated) stable ascites without preservatives or foreign proteins Reconstitution: Restore by adding 0.5 ml sterile distilled water
Applications:	To identify the presence of IgG2 in human serum, other body fluids, cell and tissue substrates and to determine its concentration in techniques as ELISA, indirect immunoperoxidase and indirect immunofluorescence staining of cytoplasmic IgG2, and immunoblotting. <u>General Recommended Dilutions:</u> Histochemical Use: 1/50-1/200. ELISA: from 1/500 upwards. Western blot: from 1/1000 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 Fab portion of the IgG2 molecule as tested in indirect binding enzyme immunoassay, immunoblotting, immunoprecipitation and indirect immunoperoxidase staining of cytoplasmic Ig. 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.