

Monoclonal Antibody to Human IgG1, IgG2, IgG3, IgG4 - Ascites

Alternate names:	Human Immunoglobulin G1, Human Immunoglobulin G2, Human Immunoglobulin G3, Human Immunoglobulin G4
Catalog No.:	AM21029SU-N
Quantity:	5x0.5 mg
Concentration:	1.0 mg/ml
Background:	This Mouse ascites against Human IgG1 IgG2 IgG3 IgG4 (subclass specific) contains 5 x 0.5 mg Monoclonal Antibodies: AM20252AF-N: clone NI 132 (HP 6186) AM20253AF-N: clone NI 6014 (HP 6014) AM20254AF-N: clone NI 25-1 (HP 6207) AM20255AF-N: clone NI 330 (HP 6050) AM20257AF-N: clone NI 315 (HP 6206)
Host / Isotype:	Mouse / IgG1
Clone:	NI132+NI6014+NI25-1+NI330+NI315
Immunogen:	Highly purified monoclonal IgG subclasses 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. Dilutions may be prepared by adding phosphate buffered saline PBS, pH 7.2 .
Applications:	To identify the presence of IgG subclasses in human serum, other body fluids, cell and tissue substrates and to determine its concentration in techniques as Radioimmunoassay, ELISA, indirect immunoperoxidase and indirect Immunofluorescence staining of cytoplasmic IgG, subclasses and immunoblotting. The optimum working dilution is an assay-related characteristic and should always be determined by titration. <u>General Recommended Dilutions:</u> Histochemical Use: 1/100-1/500. ELISA: from 1/1,000 upwards. Western blot: 1/2,000-1/10,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

The reactivity of the antibody is restricted to a subclass specific determinant as tested in indirect binding enzyme immunoassay, immunoblotting, immunoprecipitation and indirect immunoperoxidase staining of cytoplasmic immunoglobulins.gi

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.