

Product datasheet for **AM20257BT-N**

Human IgG4 (pFC specific) Mouse Monoclonal Antibody [Clone ID: NI 315 (HP 6206)]

Product data:

Product Type:	Secondary Antibodies
Product Name:	Human IgG4 (pFC specific) Mouse Monoclonal Antibody [Clone ID: NI 315 (HP 6206)]
Clone Name:	NI 315 (HP 6206)
Applications:	ELISA, IF, WB
Recommended Dilution:	To identify the presence of IgG4 in Human serum, other body fluids, cell and tissue substrates and to determine its concentration in techniques as ELISA, immunoperoxidase staining of cytoplasmic IgG4, and Immunoblotting. As a second step an avidin or streptavidin conjugate of the customer's choice have to be used. <i>General Recommended Dilutions:</i> Histochemical Use: 1/50-1/250. ELISA: from 1/100 upwards. Western blot: from 1/500 upwards.
Reactivity:	Human
Host:	Mouse
Immunogen:	Highly purified monoclonal IgG4 isolated from pooled human serum.
Isotype:	IgG1
Formulation:	PBS, pH 7.2 without preservatives and foreign proteins Label: Biotin State: Lyophilized purified IgG fraction Molar ratio: Biotin/IgG ~4.8
Reconstitution Method:	Restore by adding 0.5 ml sterile distilled water
Concentration:	0.4 mg/ml
Conjugation:	Biotin
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.



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Note: **Conjugation Procedure:** Conjugation is carried out using a proprietary technique for the binding of biotin, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. No foreign protein has been added. The conjugate is lyophilized to assure stability and long shelf life.