

## Product datasheet for **AM20257HR-N**

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

#### Product data:

<b>Product Type:</b>	Secondary Antibodies
<b>Product Name:</b>	Human IgG4 (pFC specific) Mouse Monoclonal Antibody [Clone ID: NI 315 (HP 6206)]
<b>Clone Name:</b>	NI 315 (HP 6206)
<b>Applications:</b>	ELISA, IF, IP, WB
<b>Recommended Dilution:</b>	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, Direct Immunoperoxidase staining of cytoplasmic IgG4, and Immunoblotting. <i>General Recommended Dilutions:</i> Histochemical Use: 1/50-1/200. ELISA: from 1/500 upwards. Western blot: from 1/1000 upwards.
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Immunogen:</b>	Highly purified monoclonal IgG4 isolated from pooled Human serum.
<b>Isotype:</b>	IgG1
<b>Formulation:</b>	PBS, pH 7.2 without preservatives and foreign proteins Label: HRP State: Lyophilized purified IgG fraction Label: Horseradish Peroxidase Molar ratio: Peroxidase/IgG ~1.7
<b>Reconstitution Method:</b>	Restore by adding 0.5 ml sterile distilled water
<b>Concentration:</b>	0.4 mg/ml
<b>Conjugation:</b>	HRP
<b>Storage:</b>	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.



[View online »](#)

**Note:** **Conjugation Procedure:** Conjugation is carried out using a proprietary modification of the periodate method, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. No foreign protein has been added.