

AM20250HR-N**Monoclonal Antibody to Human IgD - HRP****Alternate names:**

Human Immunoglobulin D

Quantity:

0.2 mg

Concentration:

0.4 mg/ml

Host / Isotype:

Mouse / IgG1

Clone:

NI 158

Immunogen:

Highly purified polyclonal IgD isolated from human serum.

Format:**State:** Lyophilized purified Ig fraction**Buffer System:** PBS, pH 7.2 without preservatives or foreign proteins**Label:** HRP – Horseradish Peroxidase*Molar Ratio:* Peroxidase/IgG ~1.7**Reconstitution:** Restore by adding 0.5 ml sterile distilled water.**Applications:**

To identify the presence of IgD in human serum, other body fluids, cell and tissue substrates and to determine its concentration in techniques as ELISA, direct immunoperoxidase staining and immunoblotting.

General Recommended Dilutions:

Histochemical Use: 1/50-1/500.

ELISA: from 1/1000 upwards.

Western blot: from 1/2000 upwards.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

The reactivity of the this monoclonal antibody is restricted to polyclonal and monoclonal IgD, as tested in direct binding enzyme immunoassay, immunoblotting, immunoprecipitation and direct immunoperoxidase staining of cytoplasmic immunoglobulins.

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.