

**Catalogue No.**

AB3405-500

**Qty:**

1 mg

## Anti-Human IgM, Biotin

**Source:** Goat

**General description:** Goat polyclonal antibody to human IgM. IgM is a monomeric immunoglobulin, with two heavy chains and two light chains. IgM can be found in blood and it is one of several isotypes of antibody (also known as immunoglobulin) that are produced by vertebrates. It binds to many types of pathogens, protecting the body against them by complement activation, opsonization for phagocytosis and neutralisation of their toxins.

**Alternative names:** Immunoglobulin M antibody.

**Form:** Polyclonal antibody supplied as a 500 µl (2 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

**Immunogen:** Full human IgM affinity purified (purity >95% by SDS-PAGE).

**Specificity:** Using serum samples detects the light and heavy chains by Western blot.

**Reactivity:** Reacts with Human proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	ND	ND	ND	ND

+++ excellent, ++ good, + poor, ND not determined

**Usage:**

WB: 1:2,000-1:10,000

**Storage:** Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

**Special instructions:** Avoid freeze/thaw cycles..

**SICGEN's Proprietary Immunogen Policy**

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.