SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0405-500	1 mg

Anti-Human IgM

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, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	ND	ND	ND	ND
Rat	ND	ND	ND	ND	ND
Mouse	ND	ND	ND	ND	ND
Canine	ND	ND	ND	ND	ND
Monkey	ND	ND	ND	ND	ND

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

Usage:

WB: 1:1,000-1:5,000

Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

Special instructions: The antibody solution should be gently mixed before use..

For research use only, not for diagnostic use

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.