



GOOD BIOTECH CORP.

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ISO9001:2000/ISO13485:2003 & IVD GMP CERTIFIED

SPECIFICATION SHEET

PRODUCT:	Rabbit IgG to Human Immunoglobulin M (μ-chain) —affinity purify
CATALOG NUMBER	R0111-1D
HOST ANIMAL:	Rabbit
DESCRIPTION:	Antiserum is developed in rabbit by using purified human IgM μ -chain as immunogen. Rabbit IgG is purified by human IgM coupling chromatography. The product is supplied as a solution in 10mM phosphate buffer, 0.14M sodium chloride, pH 7.4, containing 0.02% NaN ₃ as a preservative.
IMMUNOGEN:	Purified human IgM μ -chain
CONCENTRATION:	≥ 1.0 mg/ml, determined by absorbance at 280 nm and using 1.38 as the extinction coefficient
PURITY:	Determined by SDS-PAGE (blue stain) , showing that the IgG constitute was $\geq 95\%$ of total protein.
STORAGE:	For continuous use, store at 0~5°C. For extended storage: -20°C. Repeated freezing and thawing is not recommended.
SPECIFICITY:	This antibody recognized human IgM by western blot assay. Very traced reactions were observed when this antibody was reacted with light chains of IgM, IgG and IgA. Other cross reaction was not observed.
TITER:	ELISA titer : $\geq 100000x$ ELISA titer is defined as the dilution of antibody (1mg/ml) sufficient to give a change in absorbance of 1.0 at 450nm. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.
APPLICATIONS:	Good to be used in immunoassay method e.g. Immunoelectrophoresis, Western Blot assay, Immunodiffusion assay, ELISA et al.

RELATIVE
PRODUCTS:

For *in vitro* research and manufacturing of diagnostic only.