



Anti-Human IgM monoclonal antibody, clone 47.2.E9 [FITC] (CABT-48884MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Human IgM antibody, clone 47.2.E9 reacts with human IgM and recognizes the Mu chain.
Specificity	IgM
Immunogen	Native IgM
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	47.2.E9
Conjugate	FITC
Applications	FC; IF
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	100 µg
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	IGHM immunoglobulin heavy constant mu [Homo sapiens (human)]
Official Symbol	IGHM
Synonyms	IGHM; immunoglobulin heavy constant mu; MU; VH; AGM1; IGM;
Entrez Gene ID	3507
UniProt ID	P01871
Chromosome Location	14q32.33
Pathway	Adaptive Immune System; Antigen activates B Cell Receptor (BCR) leading to generation of second messengers; B Cell Receptor Signaling Pathway; Immune System; Signaling by the B Cell Receptor (BCR);
Function	antigen binding; contributes_to immunoglobulin receptor binding; contributes_to peptidoglycan binding; contributes_to phosphatidylcholine binding; contributes_to single-stranded DNA binding;