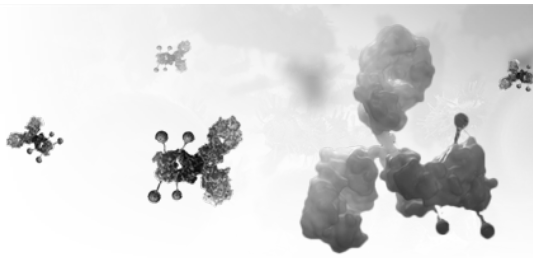

Anti-Human IgG2 monoclonal antibody, clone HP6014 [HRP] (CABT-48869MH)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Human IgG2 antibody, clone HP6014 reacts with human IgG2 at an epitope localised to the Fab region. Will not cross-react with IgG1, IgG3, IgG4, free kappa, free lambda, IgM, IgA1, IgA2 or IgD as tested by haemagglutination assays.
Specificity	IgG2
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	HP6014
Conjugate	HRP
Applications	IHC-Fr; ELISA
Size	200 µg
Preservative	None
Storage	in frost free freezers is not recommended. 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	IGHG2 immunoglobulin heavy constant gamma 2 (G2m marker) [Homo sapiens (human)]

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Tel: 1-631-624-4882 Fax: 1-631-938-8221

Official Symbol	IGHG2
Synonyms	IGHG2; immunoglobulin heavy constant gamma 2 (G2m marker); IGG2;
Entrez Gene ID	3501
UniProt ID	P01859
Chromosome Location	14q32.33
Pathway	Classical antibody-mediated complement activation; Complement cascade; Creation of C4 and C2 activators; FCGR activation; Fcgamma receptor (FCGR) dependent phagocytosis; Immune System; Initial triggering of complement; Innate Immune System; Regulation of actin dynamics for phagocytic cup formation; Role of phospholipids in phagocytosis;
Function	antigen binding; protein binding

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