



Anti-IgE polyclonal antibody [FITC] (CPBT-65488GH)

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

PRODUCT INFORMATION

Product Overview	Goat anti Human IgE polyclonal antibody specifically recognizes human IgE. Minimal cross-reactivity (>0.1%) is expected with other human immunoglobulins and light chains. Goat anti Human IgE in a biotinylated format has been successfully employed as a detection reagent in the development of a sensitive sandwich ELISA for the measurement of human IgE. Flow Cytometry Use 10 ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.
Specificity	IGHE
Immunogen	Native human IgE.
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human, Rhesus Monkey
Conjugate	FITC
Applications	FC
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	1 mg
Preservative	0.09% Sodium Azide
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	IGHG immunoglobulin heavy constant epsilon [Homo sapiens (human)]
Official Symbol	IGHG
Synonyms	IGHG; immunoglobulin heavy constant epsilon; IgE;
Entrez Gene ID	3497
UniProt ID	P01854
Chromosome Location	14q32.33
Pathway	FCERI mediated Ca+2 mobilization; FCERI mediated MAPK activation; FCERI mediated NF-kB activation; Fc epsilon receptor (FCERI) signaling; Fc-epsilon receptor I signaling in mast cells; IL4-mediated signaling events; Immune System; Innate Immune System;
Function	antigen binding;