



# Anti-Human IgHE monoclonal antibody, clone CF6 [FITC] (DCABH-8940)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to Human IgE (FITC)
<b>Antigen Description</b>	IgE is typically the least abundant isotype - blood serum IgE levels in a normal ("non-atopic") individual are ~150 ng/ml, compared to 10 mg/ml for the IgGs - it is capable of triggering the most powerful immune reactions. Most of our knowledge of IgE has come from research into the mechanism of a form of allergy known as type 1 hypersensitivity. There is much speculation into what physiological benefits IgE contributes, and so far, circumstantial evidence in animal models and statistical population trends have hinted that IgE may be beneficial in fighting gut parasites such as <i>Schistosoma mansoni</i> , but this has not been conclusively proven in humans. IgE may play an important role in the immune systems recognition of cancer, in which the stimulation of a strong cytotoxic response against cells displaying only small amounts of early cancer markers would be beneficial. IgE may be an important target in treatments for allergy and asthma.
<b>Specificity</b>	This antibody reacts with IgE
<b>Immunogen</b>	Purified human IgE.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	CF6
<b>Conjugate</b>	FITC
<b>Applications</b>	Flow Cyt

<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Preservative: 15mM Sodium Azide; Constituents: 0.2% BSA, PBS
<b>Preservative</b>	15mM Sodium Azide
<b>Storage</b>	Store at +4°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IGH E Immunoglobulin heavy constant epsilon [ Homo sapiens ]</a>
<b>Official Symbol</b>	IGH E
<b>Synonyms</b>	IGH E; Immunoglobulin heavy constant epsilon;
<b>Entrez Gene ID</b>	<a href="#">28223</a>