



Human Anti-Human IgE (Omalizumab) Monoclonal Antibody, clone huMaE11 [Biosimilar] (CABT-Z680H)

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

PRODUCT INFORMATION

Specificity	Detects human IgE. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Omalizumab.
Immunogen	Human IgE protein.
Isotype	IgG1, κ
Source/Host	Human
Species Reactivity	Human
Clone	huMaE11
Purification	Protein A or G purified
Conjugate	Functional Grade
Applications	FA
Format	Liquid
Concentration	Lot specific
Size	5 mg
Buffer	0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free. Endotoxin Level ≤ 0.75 EU/mg as determined by the LAL method

Preservative	None
Storage	Store at 2-8°C for short term; -80°C for long term. Avoid freeze / thaw cycle.
Ship	Wet ice

BACKGROUND

Introduction	IgE is the class of antibodies produced in the lungs, skin, and mucous membranes. It may protect against parasite invasion, but it is a major factor in allergic reactions. The antigen-specific IgE interacts with mast cells and eosinophils, triggers the release of histamine, leukotrienes and other substances that lead to the itching, sneezing and congestion of allergies - and the life threatening respiratory distress of asthma and anaphylactic shock.
Keywords	immunoglobulin heavy constant epsilon;IgE

GENE INFORMATION

Gene Name	IGHE
UniProt ID	P01854