



Human Anti-Human EGFR (Zalutumumab) Monoclonal antibody, clone Zalutumumab (CABT-CS568)

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

PRODUCT INFORMATION

Specificity	EGFR
Target	EGFR
Isotype	IgG4
Source/Host	Human
Species Reactivity	Human
Clone	Zalutumumab
Purification	Protein A
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	1 mg
Buffer	PBS, pH 7.4. Contains no stabilizers or preservatives
Preservative	None
Storage	2 weeks, 2-8°C under sterile conditions after reconstitution. Avoid repeated freeze-thaw. -80°C for a long-term storage.

BACKGROUND

Introduction	EGFR (Epidermal growth factor receptor, HER1, ErbB1) is encoded by the EGFR gene located on chromosome 7 in humans. EGFR belongs to the HER/ERbB family of proteins that includes three other receptor tyrosine kinases, ERbB2, ERbB3, ERbB4. EGFR is a transmembrane receptor and binding of its cognate ligands such as EGF (Epidermal Growth Factor) and TGF alpha (Transforming Growth Factor alpha) to the extracellular domain leads to EGFR dimerization followed by autophosphorylation of the tyrosine residues in the cytoplasmic domain.
Keywords	EGFR; epidermal growth factor receptor; ERBB; HER1; mENA; ERBB1; PIG61