



Mouse Anti-Human EGFRvIII Monoclonal antibody, clone L8A4 (CABT-CS604)

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

PRODUCT INFORMATION

Specificity	Binds EGFRvIII, a mutated form of EGFR, plays a prominent role in tumorigenesis.
Target	EGFRvIII
Isotype	IgG1, Kappa
Source/Host	Mouse
Species Reactivity	Human
Clone	L8A4
Purification	Protein A affinity purified
Conjugate	unconjugated
Applications	WB, ELISA, FC, IF, IHC
Format	Liquid
Size	200 µg, 1 mg
Buffer	PBS with 0.02% Proclin 300
Preservative	0.02% Proclin 300
Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

BACKGROUND

Introduction

The epidermal growth factor receptor (EGFR) is overexpressed in a variety of human epithelial tumors, often as a consequence of gene amplification. Tumors with EGFR gene amplification frequently contain EGFR gene rearrangements, with the most common extracellular domain mutation being EGFRvIII. This mutation leads to a deletion of exons 2-7 of the EGFR gene and renders the mutant receptor incapable of binding any known ligand.

Keywords

EGFR; epidermal growth factor receptor; ERBB; HER1; EGFRvIII