

## Matuzumab

Catalog #	Source	Reactivity	Applications
CBA1009	Humanized	Human	Functional Assay
<b>Description</b>	Anti-EGFR [Matuzumab]		
<b>Immunogen</b>			
<b>Purification</b>	Affinity Chromatography		
<b>Specificity</b>			
<b>Clonality</b>	Monoclonal		
<b>Conjugation</b>			
<b>Form</b>	IgG1, liquid in 10 mmol/L PBS, pH 7.2		
<b>Dilution</b>			
<b>Gene Symbol</b>	EGFR		
<b>Alternative Names</b>	ERBB; ERBB1; HER1; Epidermal growth factor receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-protein kinase erbB-1		
<b>Entrez Gene</b>	1956		
<b>SwissProt</b>	P00533		
<b>Directions for Use</b>	Matuzumab biosimilar is a humanized IgG1 monoclonal antibody against human EGFR. As it only has approximately 10% murine origin it has limited immunogenicity, and being IgG1 it is capable of inducing antibody dependent cell cytotoxicity (ADCC).		
<b>Storage/Stability</b>	Stored at 2-8°C for at least 4 weeks. Store at -20 °C for 12 months. For long term storage aseptically aliquot and store at -80°C. Avoid repeated freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

### COHESION BIOSCIENCES LIMITED

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