



Rabbit Anti-Human EGFR Monoclonal Antibody, clone CQ7108 (CABT-Z260R)

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

PRODUCT INFORMATION

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|------------------------------|---|
| Immunogen | Synthetic peptide corresponding to EGFR residues within aa1050-1150 of EGFR was used as an immunogen. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Clone | CQ7108 |
| Purification | ProA affinity purified IgG. |
| Conjugate | Unconjugated |
| Applications | IHC-P Recommended concentration: IHC-P: 1:100-1:200 |
| Molecular Weight | 134 kDa |
| Cellular Localization | Cytomembrane/Cytoplasma |
| Positive Control | Lung Carcinoma Tissue |
| Format | Liquid |
| Concentration | Lot specific |
| Size | 100 µl |

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| Buffer | PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%. |
| Preservative | 0.01% Sodium azide |
| Storage | Store at -20 °C. Avoid freeze/thaw cycles. |
| Ship | Wet ice |

BACKGROUND

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| Introduction | EGFR is type I receptor tyrosine kinase with sequence homology to erbB-1, -2, -3, -4. It binds to Epidermal Growth Factor (EGF), Transforming Growth Factor- α (TGF- α), Heparin-binding EGF (HB-EGF), amphiregulin, betacellulin and epiregulin. EGFR is overexpressed in tumors of breast, brain, bladder, lung, gastric, head, neck, esophagus, cervix, vulva, ovary, and endometrium. It is predominantly present in squamous cell carcinomas. |
| Keywords | EGFR; epidermal growth factor receptor; ERBB; HER1; mENA; ERBB1; PIG61; OTTHUMP00000159661; OTTHUMP00000159662; OTTHUMP00000159663 |

GENE INFORMATION

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|-----------------------|------------------------|
| Gene Name | EGFR |
| Entrez Gene ID | 1956 |
| UniProt ID | P00533 |
