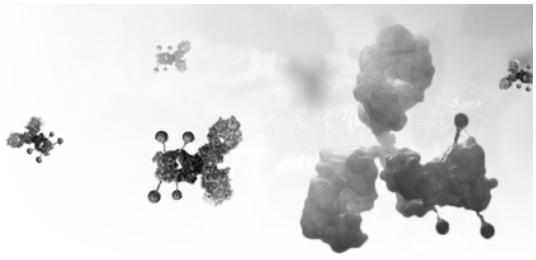

# Mouse anti-Human HBEGF monoclonal antibody, clone 3E20 (CABT-B10386)

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

## PRODUCT INFORMATION

| | |
|---|---|
| **Immunogen** | HBEGF (AAH33097.1, 20 a.a. ~ 208 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Isotype** | IgG1 |
| **Source/Host** | Mouse |
| **Species Reactivity** | Human |
| **Clone** | 3E20 |
| **Conjugate** | Unconjugated |
| **Applications** | sELISA, ELISA |
| **Sequence Similarities** | LVTGESLERLRRGLAAGTSNPDPPTVSTDQLLPLGGGRDRKVRDLQEADLDLLRVTLSSK PQALATPNKEEHGKRKKKGKGLGKKRDPCLRKYKDFCIHGECKYVKELRAPSCICHPGYH GERCHGLSLPVENRLYTYDHTTILAVVAVVLSSVCLLVIVGLLMFRYHRRGGYDVENEEK VKLGMTNSH |
| **Format** | Liquid |
| **Buffer** | In 1x PBS, pH 7.4 |
| **Storage** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## BACKGROUND

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|---|---|
| **Introduction** | May be involved in macrophage-mediated cellular proliferation. It is mitogenic for fibroblasts |

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| | |
|---|---|
| | and smooth muscle but not endothelial cells. It is able to bind EGF receptors with higher affinity than EGF itself and is a far more potent mitogen for smooth muscle cells than EGF. Also acts as a diphtheria toxin receptor. |
| **Keywords** | HBEGF; heparin-binding EGF-like growth factor; DTR; DTS; DTSF; HEGFL; proheparin-binding EGF-like growth factor; heparin-binding epidermal growth factor; diphtheria toxin receptor (heparin-binding EGF-like growth factor); diphtheria toxin receptor (heparin-binding epidermal growth factor-like growth factor); |

# GENE INFORMATION

| | |
|---|---|
| **Entrez Gene ID** | 1839 |
| **UniProt ID** | Q99075 |
| **Pathway** | Epithelial cell signaling in Helicobacter pylori infection, organism-specific biosystem; Epithelial cell signaling in Helicobacter pylori infection, conserved biosystem; ErbB receptor signaling network, organism-specific biosystem; ErbB signaling pathway, |
| **Function** | epidermal growth factor receptor binding; eukaryotic cell surface binding; growth factor activity; heparin binding; receptor activity; |

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