



Hi-Affi™ Recombinant Rabbit Anti-Human KIT Monoclonal antibody, clone 19 (DMAB-CDB25444)

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

PRODUCT INFORMATION

| | |
|---------------------------|---|
| Specificity | Bind to the membrane-proximal Ig-like D4 of KIT. |
| Target | Human KIT |
| Immunogen | Human KIT |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Clone | 19 |
| Purification | >90% determined by SDS-PAGE |
| Conjugate | Unconjugated |
| Applications | <p>Suitable for use in Crystallography, ELISA, IB, Inhib.</p> <p>Each laboratory should determine an optimum working titer for use in its particular application.</p> <p>Other applications have not been tested but use in such assays should not necessarily be excluded.</p> |
| Format | Liquid |
| Concentration | lot specific |
| Size | 200 µg, 1 mg |

| | |
|---------------------|--|
| Buffer | PBS (endotoxin < 1EU/mg, lower endotoxin levels may also be offered upon request) |
| Preservative | None |
| Storage | Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles. |
| Ship | Dry ice |

BACKGROUND

| | |
|---------------------|---|
| Introduction | KIT (also known as CD117 or c-Kit) is a receptor tyrosine kinase (RTK) that plays a crucial role in various biological processes. KIT is involved in the regulation of cell growth, differentiation, and survival. It plays a critical role in the development and function of mast cells, melanocytes, and germ cells. KIT signaling is also important for hematopoiesis, the process of blood cell formation. |
|---------------------|---|

| | |
|-----------------|-------------------|
| Keywords | KIT; CD117; c-Kit |
|-----------------|-------------------|