



# 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

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

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

## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	KIT; CD117; c-Kit