



Hi-Puri™ Human Anti-Human KIT Monoclonal antibody, clone 19 (DMAB-CDB25443)

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	Human
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