



Hi-Puri™ Mouse Anti-Human KIT Monoclonal antibody, clone 19 (DMAB-CDB25442)

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	Mouse
Species Reactivity	Human
Clone	19
Purification	>90% determined by SDS-PAGE
Conjugate	Unconjugated
Applications	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.
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