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Product Datasheet

CD117 (C-kit) (ABT064) Antibody, Mouse, Monoclonal AST-V0485

Article Name	CD117 (C-kit) (ABT064) Antibody, Mouse, Monoclonal
Biozol Catalog Number	AST-V0485
Supplier Catalog Number	V0485
Alternative Catalog Number	AST-V0485-20,AST-V0485-50,AST-V0485-100,AST-V0485-200
Manufacturer	Assay Biotechnology
Host	Mouse
Category	Antikörper
Application	ELISA, IHC
Species Reactivity	Human
Immunogen	Synthesized peptide derived from human CD117 AA range: 1-100
Product Description	This gene encodes the human homolog of the proto-oncogene c-kit. C-kit was first identified as the cellular homolog of the feline sarcoma viral oncogene v-kit. This protein is a type 3 transmembrane receptor for MGF (mast cell growth factor, also known as platelet-derived growth factor B-chain). It is a member of the receptor tyrosine kinase family. The encoded protein is a transmembrane receptor that is involved in the regulation of cell growth, differentiation, and survival. It is expressed in various tissues and cell types, including hematopoietic stem cells, mast cells, and fibroblasts. The gene is located on chromosome 4 and contains 10 exons. The encoded protein has a molecular weight of approximately 140 kDa. It is a member of the receptor tyrosine kinase family and is involved in the regulation of cell growth, differentiation, and survival. It is expressed in various tissues and cell types, including hematopoietic stem cells, mast cells, and fibroblasts. The gene is located on chromosome 4 and contains 10 exons. The encoded protein has a molecular weight of approximately 140 kDa.
Clonality	Monoclonal
UniProt	P10721
Source	Mouse, Monoclonal IgG2b, kappa
Purity	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.
Form	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Application Dilute

IHC 1:50-200. ELISA 1:500-5000