

## Goat anti-KIT / CD117 Antibody

<b>Item Number</b>	dAP-2925
<b>Target Molecule</b>	Principle Name: KIT / CD117; Official Symbol: KIT; All Names and Symbols: KIT; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog; C-Kit; CD117; PBT; SCFR; mast/stem cell growth factor receptor Kit; p145 c-kit; piebald trait protein; proto-oncogene c-Kit; proto-oncogene tyrosine-protein kinase Kit; soluble KIT varian; Accession Number (s): NP_000213.1; NP_001087241.1; Human Gene ID(s): 3815; Non-Human GeneID(s):
<b>Immunogen</b>	KRDSFICSKQEDH, is from internal region This antibody is expected to recognize both reported isoforms (NP_000213.1; NP_001087241.1).
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 110kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 110kDa according to NP_000213.1). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 35kDa. This
<b>IHC</b>	
<b>Reference</b>	Reference(s): Herpel E, Jensen K, Muley T, Warth A, Schnabel PA, Meister M, Herth FJ, Dienemann H, Thomas M, Gottschling S. The cancer stem cell antigens CD133, BCRP1/ABCG2 and CD117/c-KIT are not associated with prognosis in resected early-stage non-small cell lung cancer. <i>Anticancer Res.</i> 2011 Dec;31

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**