

PRODUCT DATA SHEET



Bioworld Technology, Inc.

FLT3 (E597) pAb

Cat No.: BS5570

Host: Rabbit

Reactivity: Human

BACKGROUND

Stem cell tyrosine kinase (STK-1) has been cloned from a CD34+ hematopoietic stem cell enriched library and identified as the human homolog of a previously identified gene of mouse origin designated either Flk-2 or Flt-3. The STK-1 cDNA encodes a protein of 993 amino acids with 85% identity to Flt-3/Flk-2. STK-1 is a member of the type III receptor tyrosine kinase family that includes Kit (steel factor receptor), Fms and PDGF. STK-1 expression in blood and marrow is restricted to CD34+ cells, a population greatly enriched for hematopoietic stem/progenitor cells. STK-1 antiserum recognizes two polypeptides in these cells. The mouse homolog of STK-1, designated Flt-3/ Flk-2, is expressed at high levels in hematopoietic cells and also in neural, gonadal, hepatic and placental tissues. It has been suggested that STK-1 and its murine homolog Flt-3/ Flk-2 may function as growth factor receptors on hematopoietic stem and/or progenitor cells.

PRODUCT

1 mg/ml in Phosphate buffered saline (PBS) with 0.05

PURIFICATION & PURITY

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

and the purity is > 95% (by SDS-PAGE).

APPLICATIONS

IHC: 1:50 ~ 200 (Recommended Dilutions)

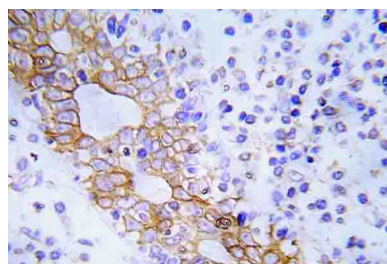
STORAGE & STABILITY

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

SPECIFICITY

FLT3 (E597) pAb detects endogenous levels of FLT3 protein.

DATA



Immunohistochemistry (IHC) analyzes of FLT3 (E597) pAb in paraffin-embedded human breast carcinoma tissue.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

Bioworld Technology, Inc.

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