

白血病相关蛋白 5 抗体

产品货号： mlR6395

英文名称： LEU5

中文名称： 白血病相关蛋白 5 抗体

别名： B cell chronic lymphocytic leukemia tumor suppressor Leu5; CAR; DLEU5; HGNC:9976; LEU5; Leukemia associated protein 5; Putative tumor suppressor RFP2; Ret finger protein 2; RING finger protein 77; RNF77; TRIM13; Tripartite motif protein 13; TRI13_HUMAN.

研究领域： 肿瘤 细胞生物 染色质和核信号 细胞周期蛋白 转录调节因子 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Horse, Rabbit, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 47kDa

细胞定位 : 细胞浆 细胞膜

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human LEU5/RFP2:151-250/407

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed

产品介绍： This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This gene is located on chromosome 13 within the minimal deletion region for B-cell chronic lymphocytic leukemia. Multiple alternatively spliced transcript variants have been found for this gene.

Function:

E3 ubiquitin ligase involved in the retrotranslocation and turnover of membrane and secretory proteins from the ER through a set of processes named ER-associated degradation (ERAD). This process acts on misfolded proteins as well as in the regulated degradation of correctly folded proteins. Enhances ionizing radiation-induced p53/TP53 stability and apoptosis via ubiquitinating MDM2 and AKT1 and decreasing AKT1 kinase activity through MDM2 and AKT1 proteasomal degradation. Regulates ER stress-induced autophagy, and may act as a tumor suppressor.

Subunit:

Interacts (via C-terminal domain) with VCP. Interacts with AKT1; the interaction ubiquitinates AKT1 and leads to its proteasomal degradation. Interacts with MDM2; the interaction ubiquitinates AKT1 and leads to its proteasomal degradation. Interacts with p62/SQSTM1.

Subcellular Location:

Endoplasmic reticulum membrane; Single-pass membrane protein. Note=Concentrates and colocalizes with p62/SQSTM1 and ZFYVE1 at the perinuclear endoplasmic reticulum.

Post-translational modifications:

Auto-ubiquitinated; requires the RING-type zinc finger. Auto-polyubiquitination leads to proteasomal degradation.

Similarity:

Belongs to the TRIM/RBCC family.

Contains 1 B box-type zinc finger.

Contains 1 RING-type zinc finger.

SWISS:

O60858

Gene ID:

10206

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.