



## T 细胞急性淋巴母细胞白血病相关抗原 1 抗体

产品货号 : mlR9416

英文名称 : TALLA-1

中文名称 : T 细胞急性淋巴母细胞白血病相关抗原 1 抗体

别 名 : CD231 antigen; Cell surface glycoprotein A15; Membrane component X chromosome surface marker 1; T cell acute lymphoblastic leukemia associated antigen 1; TALLA 1; TALLA1; Tetraspanin 7; Tetraspanin-7; Transmembrane 4 superfamily member 2; Tspan 7; TSN7\_HUMAN; Tspan-7; TALLA-1.

研究领域 : 肿瘤 细胞生物 信号转导 细胞表面分子

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Rat, Dog, Pig, Cow, 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=1:50-200 (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： 28kDa

细胞定位： 细胞膜

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human Tetraspanin-7:131-230/249 <Extracellular>

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 background :**

Tetraspanins are a group of hydrophobic membrane proteins that interact with a wide variety of proteins including intracellular signaling molecules, integrins and membrane receptors. TSPAN7 (tetraspanin 7), also known as MXS1 (membrane component chromosome X surface marker 1) or TM4SF2 (transmembrane 4 superfamily member 2), is a 249 amino acid multi-pass membrane protein belonging to the tetraspanin (TM4SF) family of transmembrane proteins. TSPAN7 is believed to play a role in cell motility and cell proliferation. The gene that encodes TSPAN7 maps to human chromosome X and defects in this gene are a cause of mental retardation X-linked type 58 (MRX58), which is characterized by dramatically below average general intellectual functioning.

**Function:**

May be involved in cell proliferation and cell motility.

**Subunit:**

Interacts with herpes simplex virus 1 (HHV-1) UL35.

**Subcellular Location:**

Membrane; Multi-pass membrane protein.

**Tissue Specificity:**

Not solely expressed in T-cells. Expressed in acute myelocytic leukemia cells of some patients.

**DISEASE:**

Defects in TSPAN7 are the cause of mental retardation X-linked type 58 (MRX58) [MIM:300210]. Mental retardation is characterized by significantly sub-average general intellectual functioning associated with impairments in adaptative behavior and manifested during the developmental period. Non-syndromic mental retardation patients do not manifest other clinical signs.



**Similarity:**

Belongs to the tetraspanin (TM4SF) family.

**SWISS:**

P41732

**Gene ID:**

7102

**Important Note:**

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