

## Monoclonal Antibody to CD231 (TALLA) - Purified

<b>Catalog No.:</b>	AM00522PU-N
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.2 mg/ml
<b>Background:</b>	CD231 or TALLA is a 244 amino acids protein containing four transmembrane domains (tetraspan) and two extracellular domains. The TALLA gene has been localized to human chromosome Xq11.
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Recommended Isotype Controls:</b>	SM10P (for use in human samples), AM03095PU-N
<b>Clone:</b>	SN1a
<b>Immunogen:</b>	Purified TALLA protein. <b>Remarks:</b> Mol. Wt. of Antigen: ~150 kDa (non-reduced) and 35 kDa (reduced)
<b>Format:</b>	<b>State:</b> Liquid ascites fluid. <b>Purification:</b> Protein G chromatography <b>Buffer System:</b> 10 mM PBS, pH 7.4, with 0.2 % BSA and 0.09 % sodium azide.
<b>Applications:</b>	Immunohistology (Frozen only). Western Blot. Flow Cytometry. Positive control: Human T-cell type acute lymphoblastic leukemia (T-ALL) cells. Neuroblastoma cells and normal brain neuron. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects CD231. <b>Species:</b> Human. Other species not tested.
<b>Add. Information:</b>	Cellular Localization: Cell membrane
<b>Storage:</b>	Store the antibody at 2 - 8 °C up to one month or in aliquots at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Proc. Natl. Acad. Sci. USA, 80: 845-849 (1983) 2. Cancer Res. 47: 4283-4286 (1987) 3. Cancer Res. 44: 259-264 (1984) 4. Proc. Natl. Acad. Sci. USA, 84: 3390-3394 (1987) 5. Tissue Antigens 48: 460 (Abst.) (1996)