

## Product datasheet for **AM26769PU-N**

### **TWEAKR (TNFRSF12A) Mouse Monoclonal Antibody [Clone ID: ITEM-4]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	ITEM-4
Applications:	FC, FN, IHC, WB
Recommended Dilution:	<b>Flow cytometry.</b> <b>Western blot.</b> <b>Immunohistochemistry (frozen sections).</b> <b>Functional application (blocking).</b>
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human CD266-transfected P815 cells
Specificity:	This antibody recognizes CD266 / TWEAK R, a TNFR superfamily receptor for CD255 / TWEAK, a TNF-like weak inducer of apoptosis.
Formulation:	Phosphate buffered saline (PBS) State: Purified State: Liquid Ig fraction Preservative: 15 mM sodium azide, approx. pH 7.4
Concentration:	lot specific
Purification:	Protein-A affinity chromatography (> 95% pure by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor receptor superfamily member 12A
Database Link:	<a href="#">Entrez Gene 51330 Human Q9NP84</a>



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**Background:**

CD266 / TWEAK R (TNFRSF12A), also known as FN14 (fibroblast growth factor-inducible 14) is a receptor for CD255 / TWEAK, the TNF-like weak inducer of apoptosis. CD266 is expressed on endothelial cells, as well as on some cancer tissues, and plays a role in CD255-induced endothelial cell migration, proliferation, and angiogenesis. The CD255-CD266 interaction, or antibody-mediated triggering of CD266 is also able to induce apoptosis and necrosis in CD266-positive cells (including tumor cells), which might have therapeutic potential.

**Synonyms:**

FGF-inducible 14, FN14, TNFRSF12A, Tweak receptor