

Product datasheet for **AM26769LE-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:	Flow Cytometry Western blot. Immunohistochemistry on Frozen Sections. Functional Application (Blocking).
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:	Azide free (PBS, pH~7.4; 0.2 µm filter sterilized State: Low Endotoxin State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE)
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein-A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor receptor superfamily member 12A
Database Link:	Entrez Gene 51330 Human Q9NP84



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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