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AM26783PU-N Monoclonal Antibody to TWEAK / TNFSF12 - Purified

Alternate names:	APO3 ligand, APO3L, DR3LG, TNF-related weak inducer of apoptosis, Tumor necrosis factor ligand superfamily member 12
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	CD255 / TWEAK (TNF-related weak inducer of apoptosis), a type II transmembrane protein expressed as membrane-bound and secreted form, can induce apoptosis in many tissues and cell lines through its receptor CD266 / TWEAK R. On the other hand, in endothelial cells this interaction can induce proliferation and promote angiogenesis including neovascularization of tumours. CD255 can act in a juxtacrine manner to initiate cellular responses, and induces secretion of pro-inflammatory cytokines. Besides CD266, CD255 may also bind to DR3.
Uniprot ID:	<u>043508</u>
NCBI:	<u>NP_003800.1</u>
GenelD:	<u>407977</u>
Host / Isotype:	Mouse / IgG3
Recommended Isotype Controls:	AM03097PU-N
Clone:	CARL-1
Immunogen:	Human CD255-transfected 2PK-3 cells
Format:	State: Liquid Ig fraction Purification: Protein-A affinity chromatography Buffer System: Phosphate buffered saline (PBS) Preservatives: 15 mM sodium azide, approx. pH 7.4
Applications:	Flow cytometry. Functional application: Neutralization. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antobody recognizes CD255 / TWEAK, a type II transmembrane protein of the TNF superfamily able to weakly induce apoptosis in many cell types.
Species Reactivity:	Tested: Human
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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