

## ARG65468 anti-CD266 / TWEAK R antibody [ITEM-4]

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [ITEM-4] recognizes CD266 / TWEAK R
Tested Reactivity	Hu, Ms
Tested Application	FACS, FuncSt, IHC-Fr, WB
Specificity	The clone ITEM-4 recognizes CD266 / TWEAK R, a TNFR superfamily receptor for CD255 / TWEAK, a TNF-like weak inducer of apoptosis.
Host	Mouse
Clonality	Monoclonal
Clone	ITEM-4
Isotype	IgG2b
Target Name	CD266 / TWEAK R
Species	Human
Immunogen	human CD266-transfected P815 cells
Conjugation	Un-conjugated
Alternate Names	Tumor necrosis factor receptor superfamily member 12A; FGF-inducible 14; CD266; Fibroblast growth factor-inducible immediate-early response protein 14; TWEAKR; TweakR; CD antigen CD266; Tweak-receptor; FN14

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 4 µg/ml
	FuncSt	Assay-dependent
	IHC-Fr	Assay-dependent
	WB	Assay-dependent
Application Note	Functional studies: Blocking. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

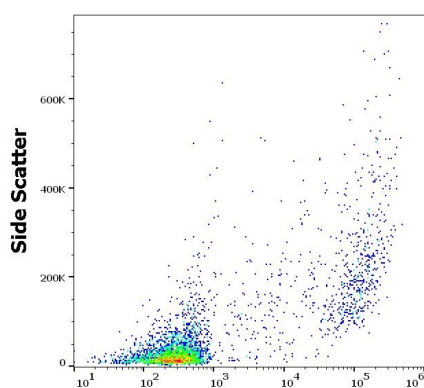
Form	Liquid
Purification	Purified from cell culture supernatant by protein-A affinity chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide

Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links	<a href="#">GeneID: 27279 Mouse</a> <a href="#">GeneID: 51330 Human</a> <a href="#">Swiss-port # Q9CR75 Mouse</a> <a href="#">Swiss-port # Q9NP84 Human</a>
Gene Symbol	TNFRSF12A
Gene Full Name	tumor necrosis factor receptor superfamily, member 12A
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.
Function	Receptor for TNFSF12/TWEAK. Weak inducer of apoptosis in some cell types. Promotes angiogenesis and the proliferation of endothelial cells. May modulate cellular adhesion to matrix proteins. [UniProt]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Signaling Transduction antibody
Calculated Mw	14 kDa

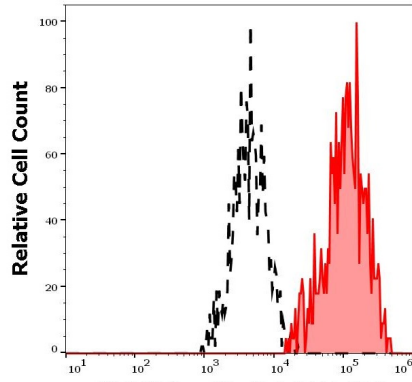
## Images



ARG65468 anti-CD266 / TWEAK R antibody [ITEM-4] FACS image

Flow Cytometry: HUVEC cells stained with ARG65468 anti-CD266 / TWEAK R antibody [ITEM-4] at 1 µg/ml dilution, followed by APC-conjugated Goat anti-Mouse antibody.

ARG65468 anti-CD266 / TWEAK R antibody [ITEM-4] FACS image



Flow Cytometry: Separation of stained HUVEC cells (red-filled) from unstained HUVEC cells (black-dashed). Cells were stained with ARG65468 anti-CD266 / TWEAK R antibody [ITEM-4] at 1 µg/ml dilution, followed by APC-conjugated Goat anti-Mouse antibody.