

ARG57555 anti-TIM4 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TIM4
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TIM4
Species	Human
Immunogen	Synthetic peptide (16 aa) within aa. 60-110 of Human TIM-4.
Conjugation	Un-conjugated
Alternate Names	TIM-4; T-cell membrane protein 4; TIMD-4; SMUCKLER; TIM4; T-cell immunoglobulin and mucin domain-containing protein 4; T-cell immunoglobulin mucin receptor 4

Application Instructions

Application table	Application	Dilution
	ICC/IF	10 - 20 µg/ml
	IHC-P	2 - 20 µg/ml
	WB	2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Jurkat Cell Lysate	
Observed Size	45 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide.
Preservative	0.02% 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.

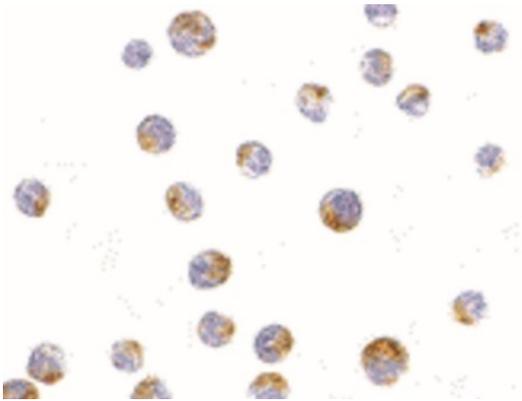
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

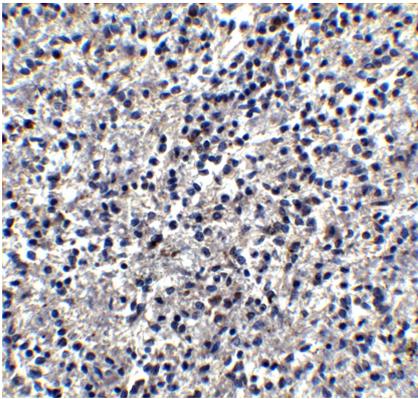
Gene Symbol	TIMD4
Gene Full Name	T-cell immunoglobulin and mucin domain containing 4
Function	Phosphatidylserine receptor that enhances the engulfment of apoptotic cells. Involved in regulating T-cell proliferation and lymphotoxin signaling. Ligand for HAVCR1/TIMD1 (By similarity). [UniProt]
Calculated Mw	42 kDa

Images



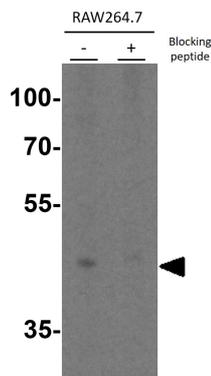
ARG57555 anti-TIM4 antibody ICC/IF image

Immunocytochemistry: Jurkat cells stained with ARG57555 anti-TIM4 antibody at 10 $\mu\text{g/ml}$ dilution.



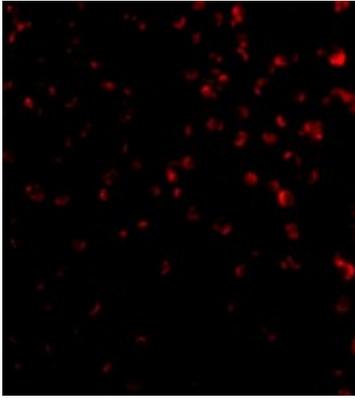
ARG57555 anti-TIM4 antibody IHC-P image

Immunohistochemistry: Human spleen tissue stained with ARG57555 anti-TIM4 antibody at 2.5 $\mu\text{g/ml}$ dilution.



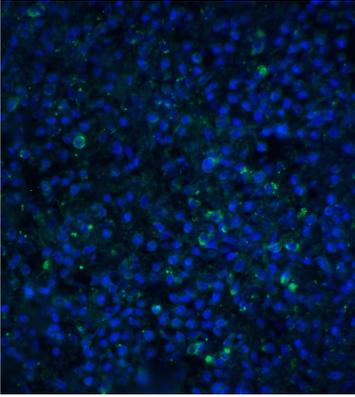
ARG57555 anti-TIM4 antibody WB image

Western blot: RAW264.7 cell lysate stained with ARG57555 anti-TIM4 antibody at 2 $\mu\text{g/ml}$ in the absence and the presence of blocking peptide.



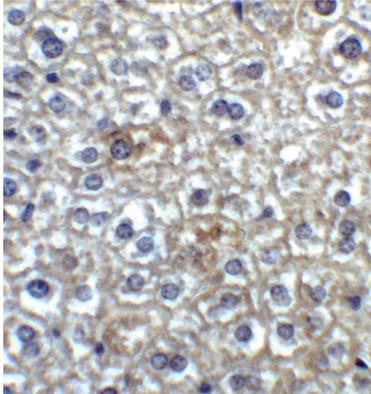
ARG57555 anti-TIM4 antibody ICC/IF image

Immunofluorescence: Jurkat cells stained with ARG57555 anti-TIM4 antibody at 20 $\mu\text{g}/\text{ml}$ dilution.



ARG57555 anti-TIM4 antibody IHC-P image

Immunohistochemistry: Human spleen tissue stained with ARG57555 anti-TIM4 antibody at 20 $\mu\text{g}/\text{ml}$ dilution.



ARG57555 anti-TIM4 antibody IHC-P image

Immunohistochemistry: Mouse liver tissue stained with ARG57555 anti-TIM4 antibody at 2 $\mu\text{g}/\text{ml}$ dilution.
