

Product Datasheet

TIM-1/KIM-1/HAVCR Antibody (3B3) - Chimeric - Azide and BSA Free NBP2-81119-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP2-81119-0.2mg

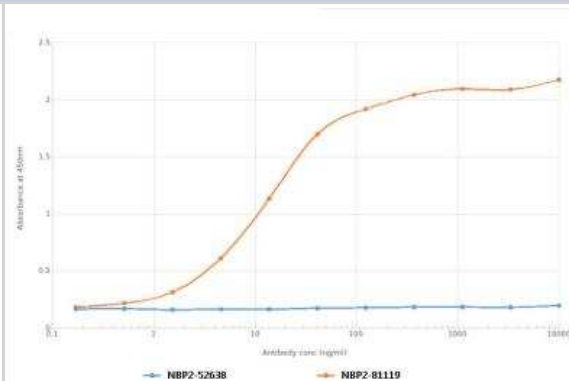
TIM-1/KIM-1/HAVCR Antibody (3B3) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	3B3
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	26762
Gene Symbol	HAVCR1
Species	Mouse
Specificity/Sensitivity	This antibody is specific for murine TIM-1/KIM-1/HAVCR, a member of the T cell immunoglobulin domain, mucin-like domain (TIM) gene family. TIM-1/KIM-1/HAVCR has been found on activated CD4+ T cells, mast cells, and a subset of B cells. TIM-1/KIM-1/HAVCR is involved in renal injury, tissue homeostasis, and T cell costimulation, and promotes the differentiation of Th2 cells and the production of IL-4. TIM-1/KIM-1/HAVCR can bind several ligands, including Hepatitis A virus, phosphatidylserine, TIM4, IgA, as well as itself.
Immunogen	This antibody was raised by immunising female Lewis strain rats (Harlan Sprague-Dawley) subcutaneously with mouse TIM-1/KIM-1/HAVCR-Ig in complete Freund's adjuvant (CFA), followed by multiple 'boosting' with mouse TIM-1/KIM-1/HAVCR-Ig in PBS.
Product Application Details	
Applications	ELISA, Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Block/Neutralize, Surface Plasmon Resonance
Recommended Dilutions	Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Functional, Surface Plasmon Resonance, Block/Neutralize
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

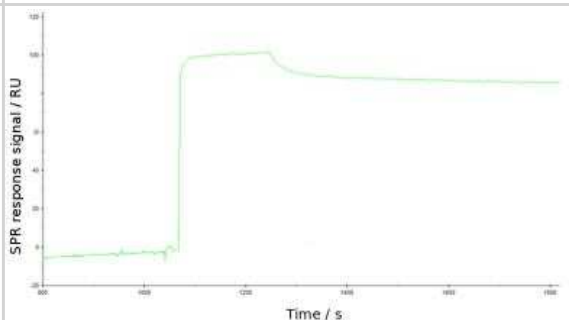


Images

ELISA: TIM-1/KIM-1/HAVCR Antibody (3B3) [NBP2-81119] - ELISA of anti-TIM-1 antibody on TIM-1-Fc fusion protein. Binding curves of the rabbit chimeric version of the anti-TIM-1 antibody 3B3 (NBP2-81119; red line) and isotype control (NBP2-52638, anti-Fluorescein; blue line) to an ELISA plate coated with mouse TIM-1-Fc fusion protein at a concentration of 5 ug/ml. A 3-fold serial dilution from 10000 to 0.17 ng/ml was performed using NBP2-81119. For signal detection, a 1:4000 dilution of anti-rabbit IgG1 HRP antibody was used.



Surface Plasmon Resonance: TIM-1/KIM-1/HAVCR Antibody (3B3) [NBP2-81119] - Surface plasmon resonance (SPR) sensorgram TIM-1/KIM-1/HAVCR Antibody (3B3) [NBP2-81119]. 3B3 binding to TIM-1 Fc-fusion protein. Binding of mouse TIM-1 Fc-fusion protein to immobilised the rabbit IgG chimeric version of 3B3 [NBP2-81119]. TIM-1 Fc-fusion protein was injected and allowed to associate with NBP2-81119 between 1080s and 1250s, before a dissociation phase between 1250s and 1800s. TIM-1 Fc-fusion protein showed rapid binding to NBP2-81119 and following ligand removal remained strongly bound. This suggests that NBP2-81119 has a very high affinity for TIM-1 Fc-fusion protein.





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Products Related to NBP2-81119-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NB100-56421PEP	TIM-1/KIM-1/HAVCR Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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