

# Product Datasheet

## VAP-1/AOC3 Antibody (TK8-14) - Chimeric - Azide and BSA Free NBP2-81043-0.2mg

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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**NBP2-81043-0.2mg**

VAP-1/AOC3 Antibody (TK8-14) - Chimeric - Azide and BSA Free

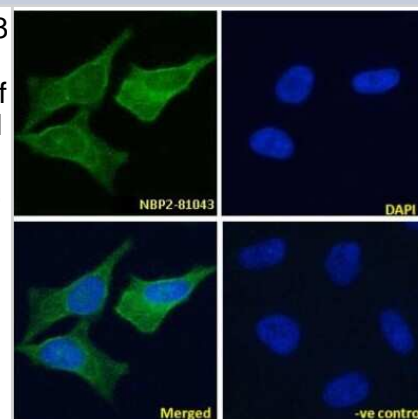
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	TK8-14
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	8639
Gene Symbol	AOC3
Species	Human
Specificity/Sensitivity	Recognises human Vascular Adhesion Protein-1 (VAP-1/AOC3), a glycosylated homodimeric membrane protein consisting of two 90 kDa subunits connected by disulfide bonds. Epitope recognized by TK8-18 is present both in dimeric and monomeric forms of VAP-1/AOC3. Elevated soluble VAP-1/AOC3 serum- levels have been described in several inflammatory- diseases as well as colorectal cancer. TK8-14 is a function-blocking mAb.
Immunogen	Affinity purified VAP-1/AOC3 from tonsil stroma of human origin.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG2a format, for improved compatibility with existing reagents, assays and techniques.

**Images**

Immunocytochemistry/Immunofluorescence: VAP-1/AOC3 Antibody (TK8-14) - Chimeric [NBP2-81043] - Immunofluorescence staining of HeLa cells with anti-VAP-1 antibody (TK8-14). Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton and stained with the chimeric rabbit version of TK8-14 [NBP2-81043] at 10ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (1ug/ml), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP2-81043, DAPI, merged channels and a negative control. The negative control was stained with unimmunized rabbit IgG followed by Alexa Fluor 488 secondary antibody.





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### **Products Related to NBP2-81043-0.2mg**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP1-89671PEP	VAP-1/AOC3 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

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### **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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