

# Product Datasheet

## CD117/c-kit Antibody (CL1667) - BSA Free NBP2-34487

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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Updated 2/27/2025 v.20.1

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**NBP2-34487**

CD117/c-kit Antibody (CL1667) - BSA Free

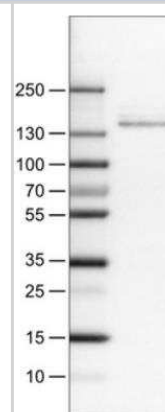
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL1667
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	3815
Gene Symbol	KIT
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from P10721, with the exact immunogen sequence remaining proprietary.

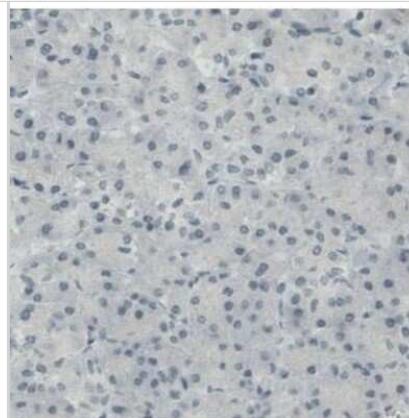
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

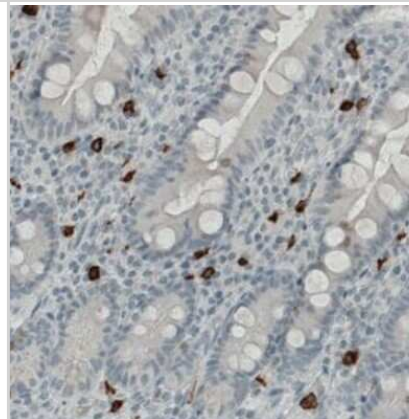
Western Blot: CD117/c-kit Antibody (CL1667) [NBP2-34487] - Lane 1: Marker [kDa]. Lane 2: Human cell line RT-4



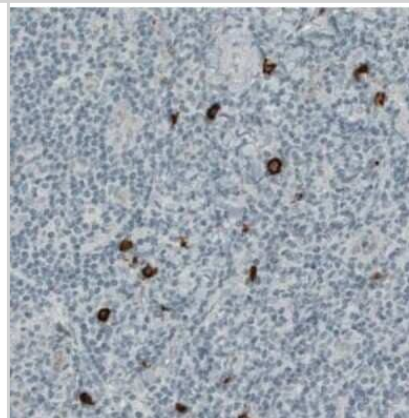
Immunohistochemistry-Paraffin: CD117/c-kit Antibody (CL1667) [NBP2-34487] - Staining of human pancreas shows absence of immunoreactivity (negative control).



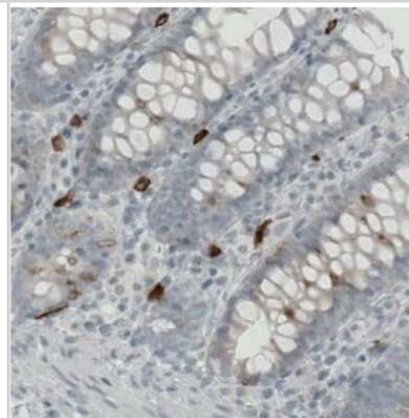
Immunohistochemistry-Paraffin: CD117/c-kit Antibody (CL1667) [NBP2-34487] - Staining of human small intestine shows strong immunoreactivity in a subset of lymphoid cells.



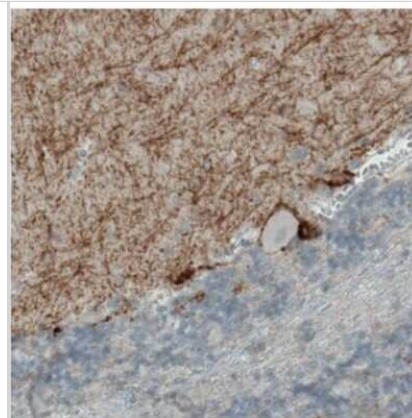
Immunohistochemistry-Paraffin: CD117/c-kit Antibody (CL1667) [NBP2-34487] - Staining of human tonsil shows strong positivity in a subset of lymphoid cells.



Immunohistochemistry-Paraffin: CD117/c-kit Antibody (CL1667) [NBP2-34487] - Staining of human colon shows strong immunoreactivity in some lymphoid cells.



Immunohistochemistry-Paraffin: CD117/c-kit Antibody (CL1667) [NBP2-34487] - Staining of human cerebellum shows moderate positivity in the molecular layer.



## Publications

van Beelen ESA, van der Valk WH, de Groot JCMJ et al. Migration and fate of vestibular melanocytes during the development of the human inner ear Dev Neurobiol 2020-10-19 [PMID: 33075185] (IF/IHC, Human)



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### **Products Related to NBP2-34487**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-52974PEP	CD117/c-kit Recombinant Protein Antigen

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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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