

Product Datasheet

ALCAM/CD166 Antibody - BSA Free NBP1-88129

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: 3

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NBP1-88129

ALCAM/CD166 Antibody - BSA Free

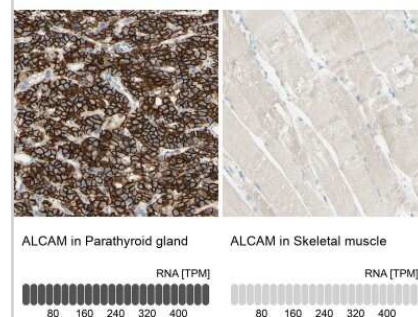
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	214
Gene Symbol	ALCAM
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in the scientific literature (PMID: 23539446).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NITLKCLGNGNPPPEEFLFYLPGQPEGIRSSNTYTLTDVRRNATGDYKCSLIDKK SMAIASTAITVHYLDLSLNPSGEVTRQIGDALPVSCTISASRNATVVMKDNIRLR SSPSFSSLHYQDAGNYVCETALQEVEGLKKR

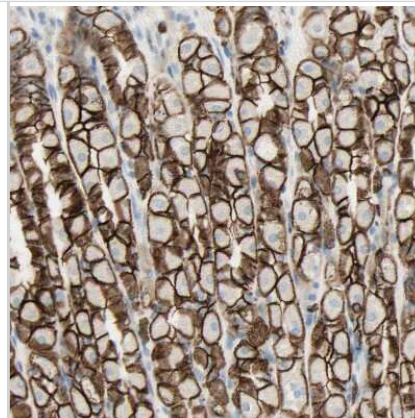
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

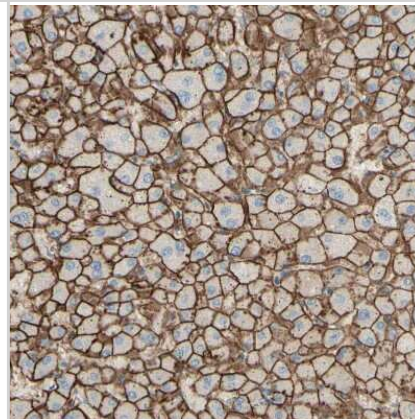
Immunohistochemistry-Paraffin: ALCAM/CD166 Antibody [NBP1-88129]
- Analysis in human parathyroid gland and skeletal muscle tissues.
Corresponding ALCAM RNA-seq data are presented for the same tissues.



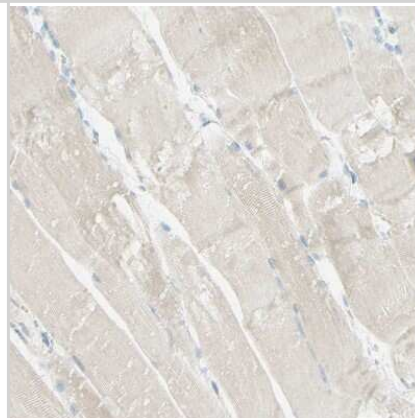
Immunohistochemistry-Paraffin: ALCAM/CD166 Antibody [NBP1-88129]
- Staining of human stomach shows strong membranous positivity in glandular cells.



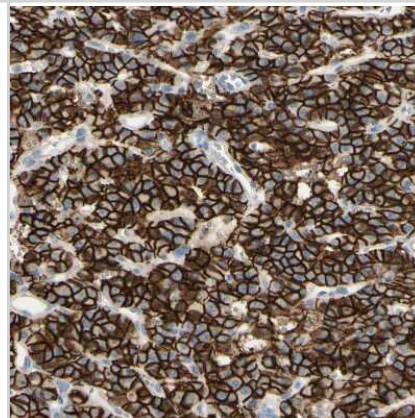
Immunohistochemistry-Paraffin: ALCAM/CD166 Antibody [NBP1-88129]
- Staining of human liver shows strong membranous positivity in hepatocytes.



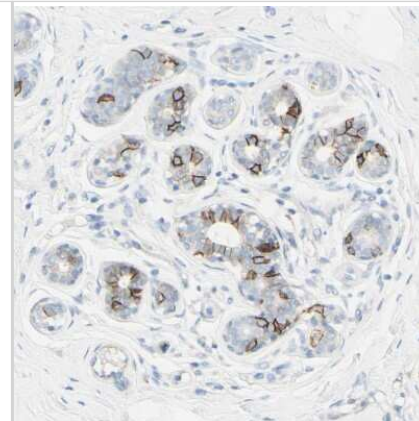
Immunohistochemistry-Paraffin: ALCAM/CD166 Antibody [NBP1-88129]
- Staining of human skeletal muscle shows no positivity in myocytes as expected.



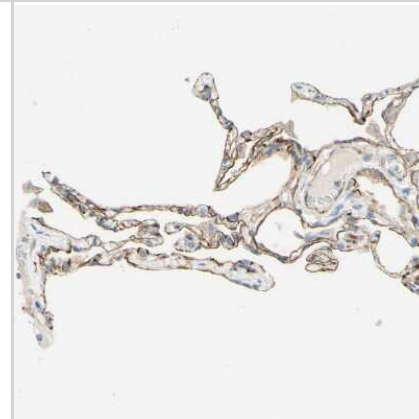
Immunohistochemistry-Paraffin: ALCAM/CD166 Antibody [NBP1-88129]
- Staining of human parathyroid gland shows strong membranous positivity.



Immunohistochemistry-Paraffin: ALCAM/CD166 Antibody [NBP1-88129]
- Staining of human breast shows strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: ALCAM/CD166 Antibody [NBP1-88129]
- Staining of human lung shows strong membranous positivity in pneumocytes.



Publications

Hansen AG, Freeman TJ, Arnold SA et al. Elevated ALCAM shedding in colorectal cancer correlates with poor patient outcome. *Cancer Res* 2013-05-15 [PMID: 23539446] (IF/IHC, Human, Mouse)

Ishiguro F, Murakami H, Mizuno T et al. Membranous expression of activated leukocyte cell adhesion molecule contributes to poor prognosis and malignant phenotypes of non-small-cell lung cancer. *J Surg Res* 2013-01-01 [PMID: 22985775]

Kahlert C, Weber H, Mogler C et al. Increased expression of ALCAM/CD166 in pancreatic cancer is an independent prognostic marker for poor survival and early tumour relapse. *Br J Cancer* 2009-08-04 [PMID: 19603023]



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Products Related to NBP1-88129

NBP1-88129PEP	ALCAM/CD166 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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