

ARG30300 Endothelial Cell Marker Antibody Duo (CD31, CD34)

Package: 1 pair

Store at: -20°C

Component

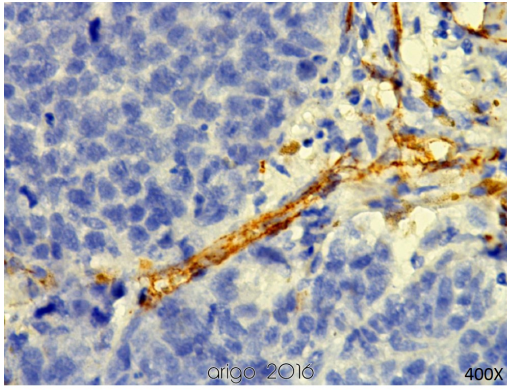
Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG52748	anti-CD31 antibody	Rabbit pAb	Hu, Ms, Pig, Rat	ICC/IF, IHC-P, IHC-Fr, IHC-FoFr, WB	50 µl
ARG52756	anti-CD34 antibody [QBEND/10]	Mouse mAb	Hu, Ms, NHuPrm, Rb	FACS, ICC/IF, IHC-P, IHC-Fr, IP, WB	50 µl

Summary

Product Description	<p>Cells expressing CD34 (CD34+ cell) are normally found in the umbilical cord and bone marrow as hematopoietic cells, a subset of mesenchymal stem cells, endothelial progenitor cells, endothelial cells of blood vessels. CD34 is one of the Endothelial Cell Differentiation Markers and Endothelial Progenitor Cell Markers.</p> <p>CD31 is normally found on endothelial cells, platelets, macrophages and Kupffer cells, granulocytes, T / NK cells, lymphocytes, megakaryocytes, osteoclasts, neutrophils. In immunohistochemistry, CD31 is used primarily to demonstrate the presence of endothelial cells in histological tissue sections. This can help to evaluate the degree of tumour angiogenesis, which can imply a rapidly growing tumour. Malignant endothelial cells also commonly retain the antigen, so that CD31 immunohistochemistry can also be used to demonstrate both angiomas and angiosarcomas.</p> <p>ARG30300 Endothelial Cell Marker Duos, including antibodies react commonly used endothelial cell marker CD31 and CD34 for angiogenesis study.</p>
Target Name	Endothelial Cell Marker
Alternate Names	Endothelial Cell Marker antibody; CD31 antibody; CD34 antibody

Properties

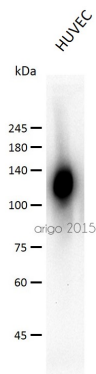
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.



ARG52748 anti-CD31 antibody IHC-P image

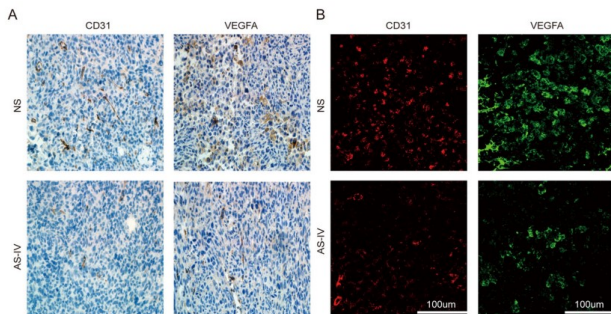
Immunohistochemistry: Formalin-fixed and Paraffin-embedded MDA-MB-231 (tumor xenograft study) stained with ARG52748 anti-CD31 antibody.

Antigen Retrieval Buffer: Bond Epitope Retrieval Solution.



ARG52748 anti-CD31 antibody WB image

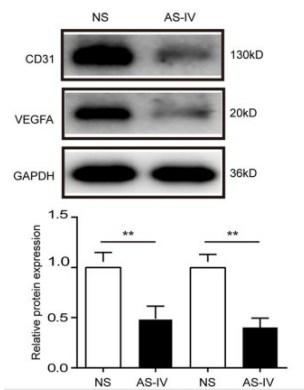
Western blot: 30 µg of HUVEC lysate stained with ARG52748 anti-CD31 antibody at 1:500 dilution.



ARG52748 anti-CD31 antibody IHC-P image

WB analysis of LLC xenograft mouse tumor tissue lysate stained with ARG52748 anti-CD31 antibody.

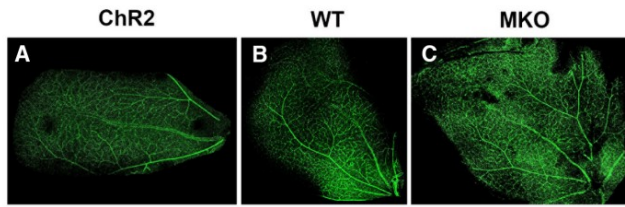
Reproduced under the [Creative Commons license](#) from Xu Fei et al. J Exp Clin Cancer Res., (2018) 37:207 [Doi: 10.1186/s13046-018-0878-0](#), Fig. 7C.



ARG52748 anti-CD31 antibody WB image

WB analysis of LLC xenograft mouse tumor tissue lysate stained with ARG52748 anti-CD31 antibody.

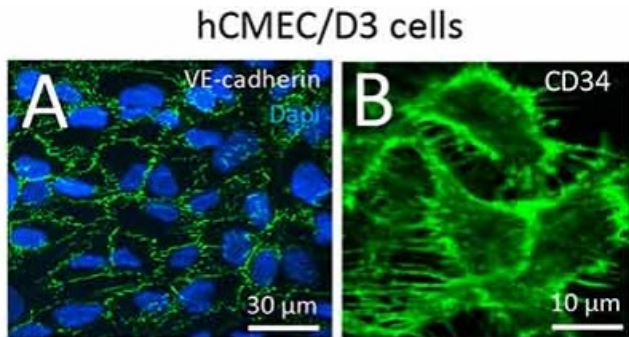
Reproduced under the [Creative Commons license](#) from Xu Fei et al. J Exp Clin Cancer Res., (2018) 37:207 [Doi: 10.1186/s13046-018-0878-0](#), Fig. 7C.



ARG52748 anti-CD31 antibody IHC image

Cryostat sections from Mouse Retinal stained with ARG52748 anti-CD31 antibody.

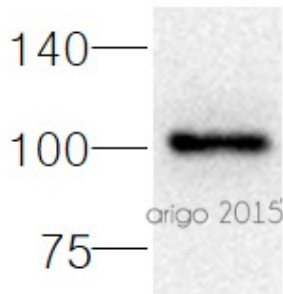
Reproduced under the [Creative Commons license](#) from Lin Chin-I et al. July/August 2019, 6(4) ENEURO.0391-18.2019 1–17, [Doi: 10.1523/ENEURO.0391-18.2019](#), Fig. 4 A-C.



ARG52756 anti-CD34 antibody [QBEND/10] ICC/IF image

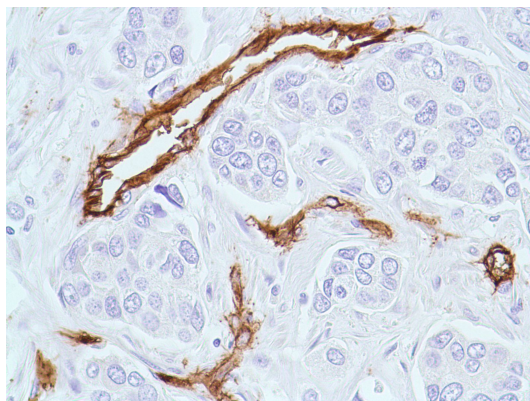
Immunofluorescence: hCMEC/D3 cells stained with ARG52756 anti-CD34 antibody [QBEND/10].

From Lucie Y Li et al. Front Cell Neurosci. (2023), [doi: 10.3389/fncel.2023.1077204](#), Fig. 3A & B.



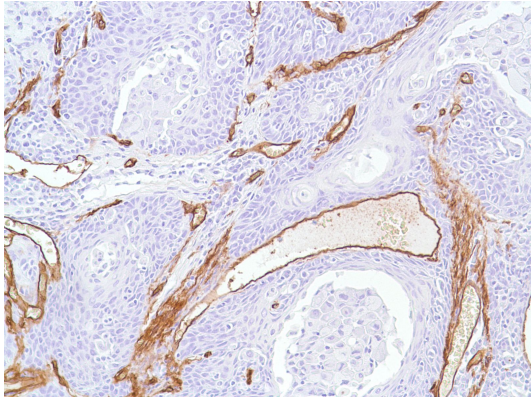
ARG52756 anti-CD34 antibody [QBEND/10] WB image

Western blot: 30 μg of mouse lung lysate stained with ARG52756 anti-CD34 antibody [QBEND/10] at 1:500 dilution.



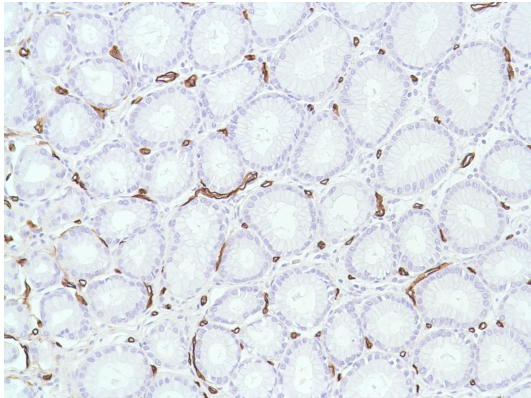
ARG52756 anti-CD34 antibody [QBEND/10] IHC-P image

Immunohistochemistry: Human Breast Ductal Carcinoma stained with CD34 (Endothelial Cell Marker) antibody [QBEND/10] (ARG52756)



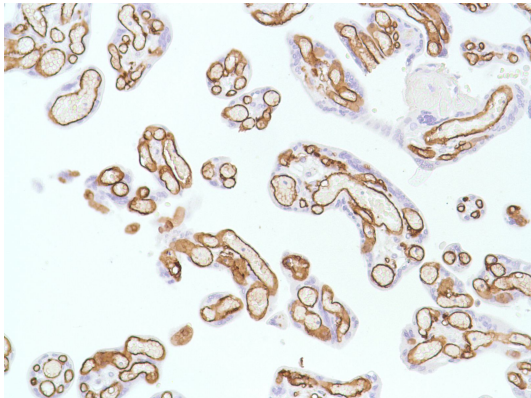
ARG52756 anti-CD34 antibody [QBEND/10] IHC-P image

Immunohistochemistry: Human Cervical Squamous Cell carcinoma stained with CD34 (Endothelial Cell Marker) antibody [QBEND/10] (ARG52756)



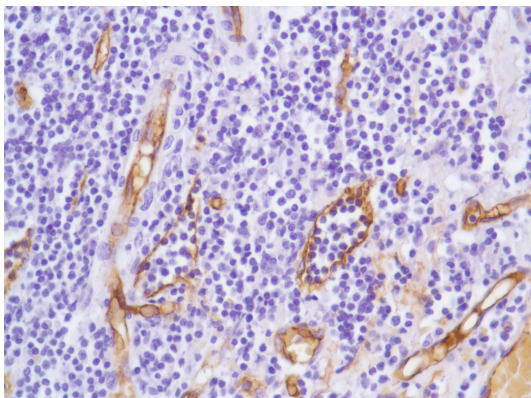
ARG52756 anti-CD34 antibody [QBEND/10] IHC-P image

Immunohistochemistry: Human Colon stained with CD34 (Endothelial Cell Marker) antibody [QBEND/10] (ARG52756)



ARG52756 anti-CD34 antibody [QBEND/10] IHC-P image

Immunohistochemistry: Human Placenta stained with CD34 (Endothelial Cell Marker) antibody [QBEND/10] (ARG52756)



ARG52756 anti-CD34 antibody [QBEND/10] IHC-P image

Immunohistochemistry: Human Tonsil stained with CD34 (Endothelial Cell Marker) antibody [QBEND/10] (ARG52756)
