

CD44var (v6) Monoclonal Antibody (9A4), eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Rat / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	9A4
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS
Contains	no preservative
Storage Conditions	4° C
RRID	AB_10597738

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-Dependent	-
Immunohistochemistry (IHC)	Assay-Dependent	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	-	1 Publication
Immunofluorescence (IF)	-	2 Publications
ELISA (ELISA)	Assay-Dependent	-

Product Specific Information

Description: Specifically recognizes an epitope encoded by exon v6 on the variant portion of murine CD44.

Standard CD44 (CD44s) lacks the entire variable region and is found mainly in cells of lymphohematopoietic origin. The multiple isoforms (designated CD44v; v = variant) contain alternatively spliced exons inserted within the extracellular domain. These isoforms are known as CD44v1, CD44v2, CD44v3, CD44v4, CD44v5, CD44v6, CD44v7, CD44v8, CD44v9, CD44v10, CD44v11.

BMS145 is suitable for ELISA and Western Blot analysis.

Applications Tested: ELISA, Immunohistochemistry, Western Blotting.

Purity: >93%.

4 References

Immunohistochemistry (1)

Cell death and differentiation

TGF pathway limits dedifferentiation following WNT and MAPK pathway activation to suppress intestinal tumourigenesis.

"BMS145 was used in Immunohistochemistry to investigate how activating mutations of Kras or the NF-B pathway can drive dedifferentiation of intestinal cells lacking Apc."

Authors: Cammareri P, Vincent DF, Hodder MC, Ridgway RA, Murgia C, Nobis M, Campbell AD, Varga J, Huels DJ, Subramani C, Prescott KLH, Nixon C, Hedley A, Barry ST, Greten FR, Inman GJ, Sansom OJ

Species
Mouse

Dilution
1:50

Year
2017

Immunohistochemistry (Paraffin) (1)

Nature immunology

Ectopic lymphoid structures function as microniches for tumor progenitor cells in hepatocellular carcinoma.

"BMS145 was used in Immunofluorescence-paraffin to reveal the function of ectopic lymphoid-like structures in cancer."

Authors: Finkin S, Yuan D, Stein I, Taniguchi K, Weber A, Unger K, Browning JL, Goossens N, Nakagawa S, Gunasekaran G, Schwartz ME, Kobayashi M, Kumada H, Berger M, Pappo O, Rajewsky K, Hoshida Y, Karin M, Heikenwalder M, Ben-Neriah Y, Pikarsky E

Species
Mouse

Dilution
Not Cited

Year
2015

Immunofluorescence (2)

Development (Cambridge, England)

Villification in the mouse: Bmp signals control intestinal villus patterning.

"BMS145 was used in Immunofluorescence to elucidate the mechanisms driving villus emergence in the murine intestine."

Authors: Walton KD, Whidden M, Kolterud Å, Shoffner SK, Czerwinski MJ, Kushwaha J, Parmar N, Chandrasekhar D, Freddo AM, Schnell S, Gumucio DL

Species
Mouse

Dilution
1:1000

Year
2016

Nature immunology

Ectopic lymphoid structures function as microniches for tumor progenitor cells in hepatocellular carcinoma.

"BMS145 was used in Immunofluorescence-paraffin to reveal the function of ectopic lymphoid-like structures in cancer."

Authors: Finkin S, Yuan D, Stein I, Taniguchi K, Weber A, Unger K, Browning JL, Goossens N, Nakagawa S, Gunasekaran G, Schwartz ME, Kobayashi M, Kumada H, Berger M, Pappo O, Rajewsky K, Hoshida Y, Karin M, Heikenwalder M, Ben-Neriah Y, Pikarsky E

Species
Mouse

Dilution
Not Cited

Year
2015

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