

# CD44var (v6) Monoclonal Antibody (VFF-18), eBioscience™

## Product Details

Size	100 µg
Species Reactivity	Human
Published Species	Hamster, Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	VFF-18
Conjugate	Unconjugated
Immunogen	Rec. Human CD44var (v6)
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS
Contains	no preservative
Storage conditions	-20°C
RRID	AB_10596813

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-Dependent	3 Publications
Immunohistochemistry (IHC)	-	6 Publications
Immunohistochemistry (Paraffin) (IHC (P))	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	-	1 Publication
Flow Cytometry (Flow)	Assay-Dependent	2 Publications

## Product Specific Information

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

Applications Tested: Flow Cytometry, Immunohistochemistry (Paraffin), Western Blotting.

Purity: >95%.

Western Blot (3)

JCI insight	Year 2020
<b>PDX-derived organoids model in vivo drug response and secrete biomarkers.</b>	Species Human
"Published figure using CD44var (v6) monoclonal antibody (Product # BMS125) in Western Blot"	
Authors: Huang L,Bockorny B,Paul I,Akshinthala D,Frappart PO,Gandarilla O,Bose A,Sanchez-Gonzalez V,Rouse EE,Lehoux SD,Pandell N,Lim CM,Clohessy JG,Grossman J,Gonzalez R,Del Pino SP,Daaboul G,Sawhney MS,Freedman SD,Kleger A,Cummings RD,Emili A,Muthuswamy LB,Hidalgo M,Muthuswamy SK	
Oncology reports	Year 2015
<b>CD44 alternative splicing and hnRNP A1 expression are associated with the metastasis of breast cancer.</b>	Species Human
"BMS125 was used in Western Blotting to study the effects of the knockdown of hnRNP A1 on the splicing of CD44 in breast cancer cells."	
Authors: Loh TJ,Moon H,Cho S,Jang H,Liu YC,Tai H,Jung DW,Williams DR,Kim HR,Shin MG,Liao DJ,Zhou J,Shi W,Zheng X,Shen H	

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Immunohistochemistry (6)

Breast cancer research and treatment	Year 2021
<b>A randomized, placebo-controlled phase 2 study of paclitaxel in combination with reparixin compared to paclitaxel alone as front-line therapy for metastatic triple-negative breast cancer (fRida).</b>	Species Human
"BMS125 was used in Immunohistochemistry to report the results of a phase 2 randomized, double-blind study [fRida trial (NCT02370238)] evaluating the safety and efficacy of reparixin plus paclitaxel vs. placebo plus paclitaxel in untreated metastatic triple-negative breast cancer."	
Authors: Goldstein LJ,Mansutti M,Levy C,Chang JC,Henry S,Fernandez-Perez I,Prausová J,Staroslawska E,Viale G,Butler B,McCanna S,Ruffini PA,Wicha MS,Schott AF	
Dilution 1:250	
Oncogene	Year 2014
<b>Stem cell CD44v isoforms promote intestinal cancer formation in Apc (min) mice downstream of Wnt signaling.</b>	Species Human
"BMS125 was used in Immunohistochemistry to identify CD44v as component of the ISCs program critical for tumor initiation, and as potential treatment target in CRC."	
Authors: Zeilstra J,Joosten SP,van Andel H,Tolg C,Berns A,Snoek M,van de Wetering M,Spaargaren M,Clevers H,Pals ST	

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More applications with references on thermofisher.com

- ICC/IF (1)
- Flow (2)

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