

Mouse anti-HCAM, CD44, clone DF 1485 (Monoclonal)

Clone no. DF1485

MONOSAN

Product name	Mouse anti-HCAM, CD44, clone DF 1485 (Monoclonal)
Host	Mouse
Applications	IHC-fr, IHC-P (1:5-1:10), FC, WB
Species reactivity	Human
Conjugate	-
Immunogen	CD44 antigen (PGp-1) purified from lymphocyte membrane
Isotype	IgG1
Clonality	Monoclonal
Clone number	DF1485
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Contains 0.09% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

CD44 (HCAM) is a transmembrane protein expressed by lymphocytes, erythrocytes and several normal epithelial cells and is a member of the CAM family. It is involved in lymphocyte homing, T-lymphocyte activation, interaction with hyaluronic acid and may act as an adhesion molecule. The human CD44 is composed of 19 exons, 9 variably expressed due to alternative splicing of mRNA; RT CD44 (CD44s) is composed of exons 1-5 and 15-19. The loss of CD44s expression predicts unfavorable outcome in bladder cancers, squamous cell carcinomas of the skin, prostatic adenocarcinoma and neuroblastomas. In immunoblotting the antibody reacts with a glycoprotein isolated from hematopoietic cells and epithelial cells with a respective molecular weight of 29-37 kD and 51 kD. Positive control: Tonsil (cell membrane staining).

References

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