

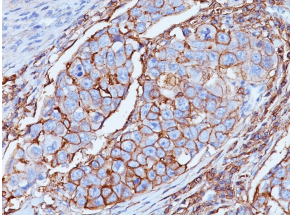
## Anti-CD44 Antibody [DF1485] - BSA and Azide free (A253897)

### Specifications:

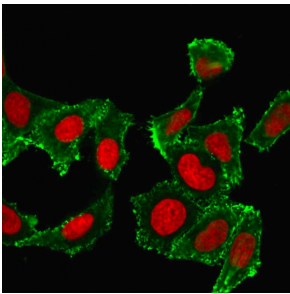
Name:	Anti-CD44 Antibody [DF1485] - BSA and Azide free
Description:	Mouse monoclonal [DF1485] antibody to CD44.
Specificity:	This antibody recognizes a cell surface glycoprotein of 80-95kDa (CD44) on lymphocytes, monocytes, and granulocytes (Leucocyte Typing Workshop V). Its epitope is resistant to digestion by trypsin and chymotrypsin. The CD44 family of glycoproteins exists in a number of variant isoforms, the most common being the standard 85-95kDa or hematopoietic variant (CD44s). Higher molecular weight isoforms are described in epithelial cells (CD44v), which are believed to function in intercellular adhesion and stromal binding. CD44 immunostaining is commonly used for the discrimination of urothelial transitional cell carcinoma in-situ from non-neoplastic changes in the urothelium.
Applications:	Flow Cytometry, IF, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human, Mouse
Immunogen:	Purified CD44 antigen (PGp-1) from lymphocyte membrane.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	DF1485
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-CD44 Antibody [DF1485] (A250717).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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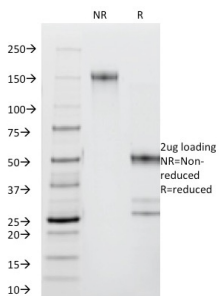
### Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human breast tissue using Anti-CD44 Antibody [DF1485].



Immunofluorescent analysis of HeLa cells stained with Anti-CD44 Antibody [DF1485] (CF@488) (Green). Nuclear counterstain is RedDot.



SDS-PAGE analysis of Anti-CD44 Antibody [DF1485] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.