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10-7516: Monoclonal antibody to CD44 (Clone: 156-3C11)

Clone Name: Monoclonal
Clone Name: 156-3C11
Application: IHC,FACS,WB,IF

Reactivity: Human
Gene: CD44
Gene ID: 960
Uniprot ID: P16070
Format: Purified

Alternative Name: CD44,LHR,MDU2,MDU3,MIC4

Isotype: Mouse IgG2a Kappa

Immunogen Information: Stimulated human Leukocytes were taken as the immunogen for this antibody.

Product Info

Amount: $25 \mu g / 100 \mu g$

Purification: Protein G Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition : Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 μ g/ml, FACS analysis: 0.5-1 μ g/10^6 cells, Immunohistochemistry: 10-15 μ g/ml, Immuno fluorescence: 1 mg/ml.

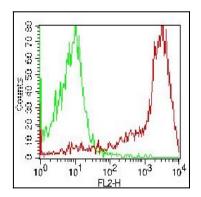


Fig:1- Cell Surface flow analysis of hCD44 in PBMC (Lymphocytes gated) using 0.5 μ g antibody per 10^6 cells. Green represents isotype control (ABEOMICS); red represents anti-hCD44 antibody (10-7516). Goat anti-mouse PE conjugated secondary antibody was used (ABEOMICS).



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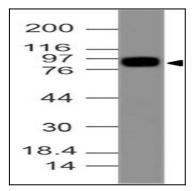


Fig:2- Expression analysis of CD44. Anti-CD44 antibody (Clone: 156-3C11) was tested at 2 μ g/ml on h Lungs lysate.

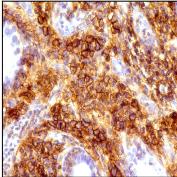


Fig-3: Immunohistochemical analysis of CD44 antibody in human Breast carcinoma tissue using 10 $\hat{l}\frac{1}{4}$ g/ml of Anti-hCD44 (Clone: 156-3C11).

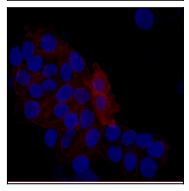


Fig-4: CAL33 cells were stained with CD44 antibody at 1mg/ml concentration followed by secondary alexa fluor 568 (1:500) and imaged with fluorescence microscope (400X).