Product datasheet for TA336936

CD33 Mouse Monoclonal Antibody [Clone ID: 44M12D3]
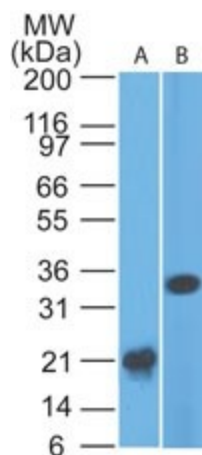
Product data:

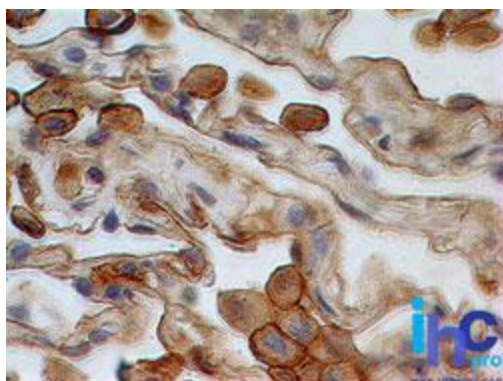|	
Product Type:	Primary Antibodies
Clone Name:	44M12D3
Applications:	IHC, WB
Recommend Dilution:	WB: 2-5 ug/ml, IHC: 1:10-1:500, IHC-P: 3-6 ug/ml
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a, kappa
Clonality:	Monoclonal
Immunogen:	Amino acids 42-159 of human CD33 were used as the immunogen for the antibody.
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	0.5 mg/ml
Purification:	Protein G purified
Gene Name:	CD33 molecule
Database Link:	NP_001763 Entrez Gene 945 Human
Synonyms:	p67; SIGLEC-3; SIGLEC3
Note:	Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Hematopoietic cell lineage

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Product images:

Western Blot: CD33 Antibody (44M12D3) TA336936 - analysis of CD33 in A) a partial recombinant protein and B) HCT-116 lysate using CD33 antibody at 2 ug/ml. goat anti-mouse Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this

Immunohistochemistry-Paraffin: CD33 Antibody (44M12D3) TA336936 - Formalin-fixed, paraffin-embedded human lung tissue stained with CD33 antibody (3 ug/ml), peroxidase-conjugate and DAB chromogen. Note cytoplasmic and membrane staining.