

Product datasheet for TA506294

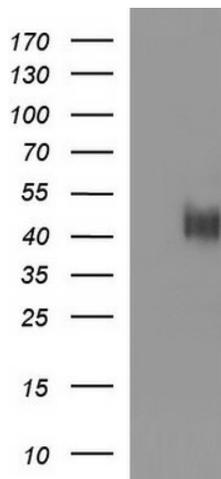
CD33 Mouse Monoclonal Antibody [Clone ID: OTI2C1]

Product data:

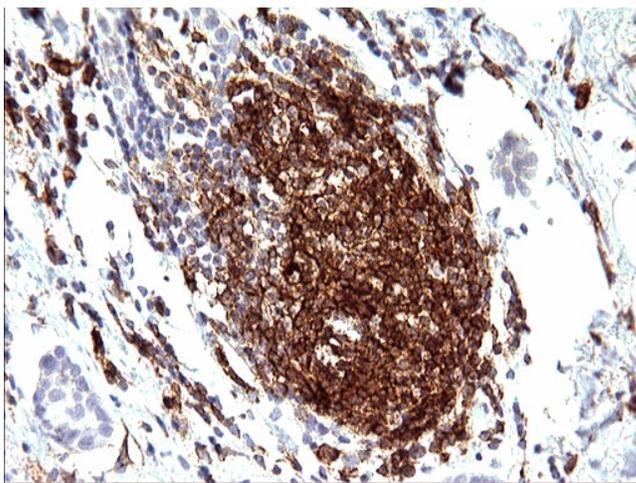
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|-------------------------|-----------------------------------------------------------------------------------------------------------|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2C1 |
| Applications: | FC, IHC, WB |
| Recommend Dilution: | WB 1:2000, IHC 1:150 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human CD33(NP_001763) produced in HEK293T cell. |
| Formulation: | PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Predicted Protein Size: | 38 kDa |
| Gene Name: | CD33 molecule |
| Database Link: | NP_001763 Entrez Gene 945 Human |
| Synonyms: | p67; SIGLEC-3; SIGLEC3 |
| Protein Families: | Druggable Genome, Transmembrane |
| Protein Pathways: | Hematopoietic cell lineage |



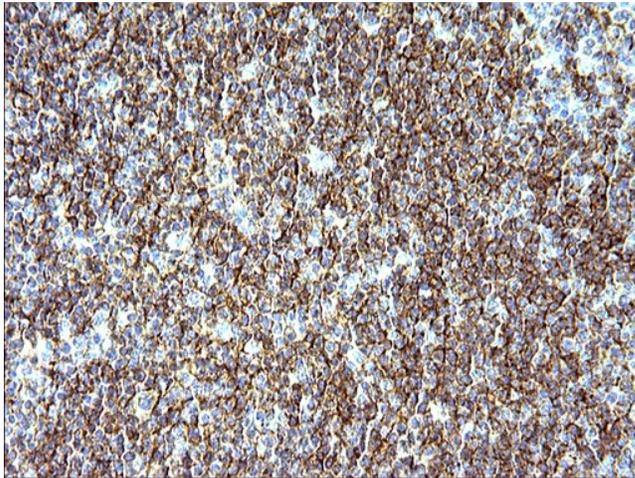
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Product images:

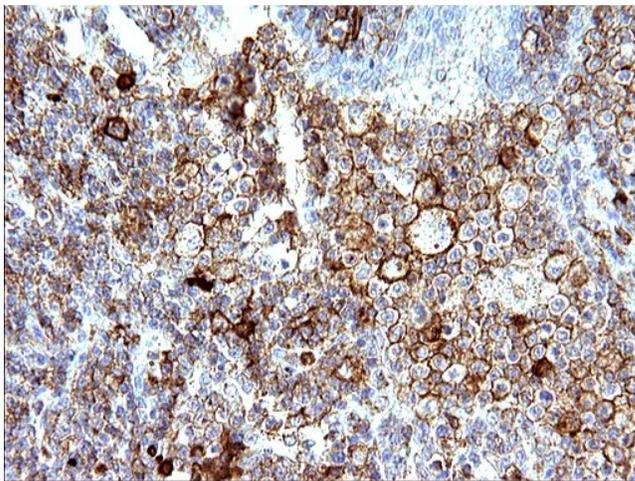
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD33 ([RC207023], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD33. Positive lysates [LY400667] (100ug) and [LC400667] (20ug) can be purchased separately from OriGene.



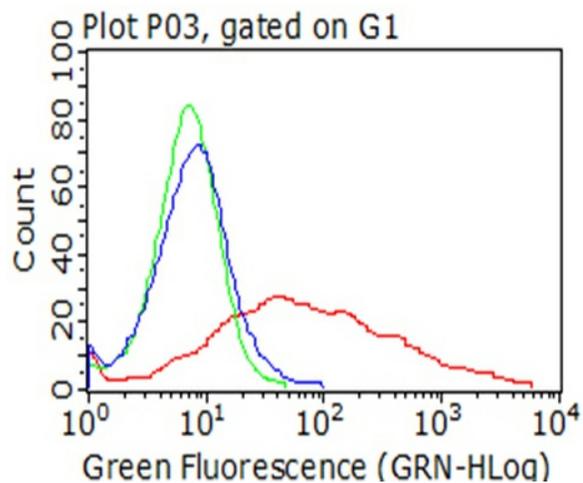
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-CD33 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA506294)



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-CD33 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA506294)



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-CD33 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA506294)



Flow cytometric analysis of living 293T cells transfected with CD33 overexpression plasmid ([RC207023]), Red)/empty vector ([PS100001], Blue) using anti-CD33 antibody (TA506294). Cells incubated with a non-specific antibody (Green) were used as isotype control (1:100).