

## Obinutuzumab/afutuzumab

Catalog #	Source	Reactivity	Applications
CBA1001	Humanized	Human	Functional Assay
<b>Description</b>	Anti-CD20 [Obinutuzumab/afutuzumab]		
<b>Immunogen</b>			
<b>Purification</b>	Affinity Chromatography		
<b>Specificity</b>			
<b>Clonality</b>	Monoclonal		
<b>Conjugation</b>			
<b>Form</b>	IgG1, liquid in 10 mmol/L PBS, pH 7.2		
<b>Dilution</b>			
<b>Gene Symbol</b>	MS4A1		
<b>Alternative Names</b>	CD20; B-lymphocyte antigen CD20; B-lymphocyte surface antigen B1; Bp35; Leukocyte surface antigen Leu-16; Membrane-spanning 4-domains subfamily A member 1; CD antigen CD20		
<b>Entrez Gene</b>	931		
<b>SwissProt</b>	P11836		
<b>Directions for Use</b>	<p>Obinutuzumab biosimilar is a humanized anti-CD20 monoclonal antibody of the IgG1 subclass. It recognizes a specific epitope of the CD20 molecule found on B cells. The molecular mass of the antibody is approximately 150 kDa. It is produced by mammalian cell (CHO) suspension culture. It was engineered for reduced fucose content as compared to a typical IgG1 produced in CHO cells.</p>		
<b>Storage/Stability</b>	<p>Stored at 2-8°C for at least 4 weeks. Store at -20 °C for 12 months. For long term storage aseptically aliquot and store at -80°C. Avoid repeated freeze/thaw cycles.</p>		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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