



Human Anti-Human CD20 (Obinutuzumab) Monoclonal Antibody, clone Obinutuzumab [Biosimilar] (CABT-Z687H)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Detects human CD20. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Obinutuzumab/afutuzumab.
Immunogen	Human CD20.
Isotype	IgG1
Source/Host	Human
Species Reactivity	Human
Clone	Obinutuzumab
Purification	Protein A or G purified
Conjugate	Functional Grade
Applications	FA
Format	Liquid
Concentration	Lot specific
Size	5 mg
Buffer	0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free. Endotoxin Level ≤ 0.75 EU/mg as determined by the LAL method

Preservative	None
Storage	Store at 2-8°C for short term; -80°C for long term. Avoid freeze / thaw cycle.
Ship	Wet ice

BACKGROUND

Introduction	CD20 is a 33-37 kD transmembrane-spanning phosphoprotein found on the surface of developing B-cells and various B-cell malignancies. CD20 is a popular target for mAb therapy because depleting developing B-cells generally does not cause permanent side effects (due to the fact that mature plasma cells and B-cell progenitors do not express CD20 and that there is limited expression of CD20 among other cell lineages).
Keywords	MS4A1;B1;Bp35;CD20CVID5;LEU-16;Obinutuzumab;afutuzumab

GENE INFORMATION

Gene Name	MS4A1
Entrez Gene ID	931
UniProt ID	P11836