

Product: VHH directed to Clusterin
Catalogue nr.: QVQ77, QVQ78, QVQ79, QVQ80
Clone names: CL1, CL3, CL6 and CL8

Specificity: VHH were selected from cDNA prepared out of lymphocytes of llama immunized with Clusterin. Using phage display a number of various VHH has been selected and characterized on functionality and biochemical properties including 26 sequences encoding these VHH. Three different Families can have been found, recognizing different epitopes. Also within Family there is diversity

Sources: Recombinant monoclonal monohead VHH purified from *E.coli* and/or *S. cerevisiae*

Formulation: Frozen 0,2 µm filtered solution of VHH in PBS(standard)
 On request larger amount can be delivered in formulation suitable for the customer.

Storage: For both extended and non labeled VHH, store at 4 oC or aliquoted and store at – 20 oC, in the dark (addition of 0,02% natrium azide is optional)

Applications: These VHH proofed to be extremely useful to develop multidimensional liquid chromatography platforms that can be used for blood analyses [Age related diseases] and analyses of urine. A particular application of the latter is directed to detect markers for Renal Cell Carcinoma [Hincapy, 2012]

Cat.nr.	VHH Name	Modality	Specificity	Possible Applications
QVQ77	CL1		Clusterin	Blood and urine analyses
QVQ78	CL3		Clusterin	Blood and urine analyses
QVQ78-C	CL3	C-FLEA	Clusterin	Affinity chromatography
QVQ78-IR	CL3	NIR-CW800	Clusterin	Imaging
QVQ79	CL6		Clusterin	Blood and urine analyses
QVQ80	CL8		Clusterin	Blood and urine analyses