QVQ
QUALITY IN ANTIBODIES

Anti - DKK1

Product:	VHH directed to DKK1, an inhibitor of the WNT signaling.
Catalogue nr.:	QVQ71 and QVQ72
Clone names:	G7 and H7

Specificity:

VHH were selected from cDNA prepared out of lymphocytes of llama immunized with rec DKK1.
Using phage display a number of various VHH has been selected.
These VHH were characterized by several assays including ELISA. KD about 6 * 10-8 M for VHH G7.

Sources:

Recombinant monoclonal monohead VHH purified from ***E. coli*** 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:

Osteoarthritis [OA] is the most common non-inflammatory degenerative joint disease.
Accumulating evidence show that WNT signaling is involved in the pathogeneis of OA.
DKK1 are naturally occurring antagonists of the WNT signaling.
Anti-DKK1 VHH is an excellent inhibitor of DKK1 as shown in biochemical and in vitro cell tests.
Applicable for Elisa

Cat.nr.	VHH Name	Modality	Specificity	Possible Applications
QVQ71	G7		DKK1	
QVQ71-C	G7	C-FLEA	DKK1	Imm. Precipitation. Purification of natural DKK
QVQ71-IR	G7	NIR-labeled	DKK1	In vivo and in vitro imaging
QVQ72	H7		DKK1	