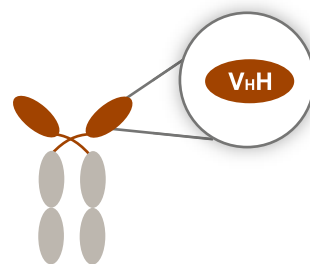


Camelid Single Domain Antibodies

Abnova camelid single domain antibodies (sdAbs) derived from alpacas or llamas with great penetrability and affinity to recognize difficult epitopes. The product lines include FluoTag-Q, FluoTag-X2 and FluoTag-X4, featuring different number of sdAb and coupled fluorophore. In FluoTag-Q series, each fluorophore is conjugated to exactly one sdAb. The FluoTag-X2 series contains two fluorophores coupled with one sdAb. In terms of FluoTag-X4, it is a mix of 2 sdAbs that can bind simultaneously with the target molecule, and each sdAb is coupled with 2 fluorophores. For detailed product information, please visit our website.



Advantages

- Smaller than conventional Abs
- Target difficult epitopes
- Easy to scale up V_HH Abs
- Fixed dye/protein molar ratio
- Increased in brightness

FluoTag-Q



Fluo Tag-X2



Fluo Tag-X4



FluoTag-Q

Catalog No.	Product Name	Applications	Host	Reactivity
RAB00712	FluoTag-Q anti-GFP, clone 1H1 (Abberior STAR 580)	IF	Camelid	
RAB00714	FluoTag-Q anti-GFP, clone 1H1 (Abberior STAR 635P)	IF	Camelid	
RAB00718	FluoTag-Q anti-GFP, clone 1H1 (Alexa 647)	IF	Camelid	
RAB00720	FluoTag-Q anti-GFP, clone 1H1 (ATTO 488)	IF	Camelid	
RAB00752	FluoTag-Q anti-RFP, clone 2B12 (Abberior STAR 580)	IF	Camelid	
RAB00754	FluoTag-Q anti-RFP, clone 2B12 (Abberior STAR 635P)	IF	Camelid	
RAB00758	FluoTag-Q anti-RFP, clone 2B12 (Alexa 647)	IF	Camelid	
RAB00760	FluoTag-Q anti-RFP, clone 2B12 (ATTO 488)	IF	Camelid	
RAB00792	FluoTag-Q anti-TagFP, clone 1H7 (Abberior STAR 580)	IF	Camelid	
RAB00794	FluoTag-Q anti-TagFP, clone 1H7 (Abberior STAR 635P)	IF	Camelid	
RAB00798	FluoTag-Q anti-TagFP, clone 1H7 (Alexa 647)	IF	Camelid	
RAB00800	FluoTag-Q anti-TagFP, clone 1H7 (ATTO 488)	IF	Camelid	

FluoTag-X2

Catalog No.	Product Name	Applications	Host	Reactivity
RAB00918	FluoTag-X2 anti-ALFA, clone 1G5 (Abberior STAR 580)	IF	Camelid	
RAB00920	FluoTag-X2 anti-ALFA, clone 1G5 (Abberior STAR 635P)	IF	Camelid	
RAB00922	FluoTag-X2 anti-ALFA, clone 1G5 (Alexa 647)	IF	Camelid	
RAB00924	FluoTag-X2 anti-ALFA, clone 1G5 (ATTO 488)	IF	Camelid	
RAB00933	FluoTag-X2 anti-ALFA, clone 1G5 (LICOR 680 RD)	IF	Camelid	
RAB00935	FluoTag-X2 anti-ALFA, clone 1G5 (LICOR 800 CW)	IF	Camelid	
RAB00853	FluoTag-X2 anti-Chicken IgG, clone 3G2 (Abberior STAR 580)	IF	Camelid	Chicken
RAB00859	FluoTag-X2 anti-Chicken IgG, clone 3G2 (Alexa 647)	IF	Camelid	Chicken
RAB00861	FluoTag-X2 anti-Chicken IgG, clone 3G2 (ATTO 488)	IF	Camelid	Chicken
RAB00873	FluoTag-X2 anti-Mouse IgG kappa light chain, clone 1A23 (Abberior STAR 580)	IF	Camelid	Mouse
RAB00875	FluoTag-X2 anti-Mouse IgG kappa light chain, clone 1A23 (Abberior STAR 635P)	IF	Camelid	Mouse

FluoTag-X2

Catalog No.	Product Name	Applications	Host	Reactivity
RAB00879	FluoTag-X2 anti-Mouse IgG kappa light chain, clone 1A23 (Alexa 647)	IF	Camelid	Mouse
RAB00881	FluoTag-X2 anti-Mouse IgG kappa light chain, clone 1A23 (ATTO 488)	IF	Camelid	Mouse
RAB00889	FluoTag-X2 anti-Mouse IgG kappa light chain, clone 1A23 (LICOR 680 RD)	IF	Camelid	Mouse
RAB00891	FluoTag-X2 anti-Mouse IgG kappa light chain, clone 1A23 (LICOR 800 CW)	IF	Camelid	Mouse
RAB00942	FluoTag-X2 anti-Mouse IgG1, clone 10A4 (Abberior STAR 580)	IF	Camelid	Mouse
RAB00944	FluoTag-X2 anti-Mouse IgG1, clone 10A4 (Abberior STAR 635P)	IF	Camelid	Mouse
RAB00948	FluoTag-X2 anti-Mouse IgG1, clone 10A4 (Alexa 647)	IF	Camelid	Mouse
RAB00950	FluoTag-X2 anti-Mouse IgG1, clone 10A4 (ATTO 488)	IF	Camelid	Mouse
RAB00958	FluoTag-X2 anti-Mouse IgG1, clone 10A4 (LICOR 680 RD)	IF	Camelid	Mouse
RAB00960	FluoTag-X2 anti-Mouse IgG1, clone 10A4 (LICOR 800 CW)	IF	Camelid	Mouse
RAB01010	FluoTag-X2 anti-Mouse IgG2a/b, clone 14A4 (Abberior STAR 580)	IF	Camelid	Mouse
RAB01012	FluoTag-X2 anti-Mouse IgG2a/b, clone 14A4 (Abberior STAR 635P)	IF	Camelid	Mouse
RAB01016	FluoTag-X2 anti-Mouse IgG2a/b, clone 14A4 (Alexa Fluor 647)	IF	Camelid	Mouse
RAB01018	FluoTag-X2 anti-Mouse IgG2a/b, clone 14A4 (ATTO 488)	IF	Camelid	Mouse
RAB01030	FluoTag-X2 anti-Mouse IgG2a/b, clone 14A4 (LICOR 680 RD)	IF	Camelid	Mouse
RAB01032	FluoTag-X2 anti-Mouse IgG2a/b, clone 14A4 (LICOR 800 CW)	IF	Camelid	Mouse
RAB00896	FluoTag-X2 anti-mScarlet-i, clone 2B12 (Abberior STAR 580)	IF	Camelid	
RAB00898	FluoTag-X2 anti-mScarlet-i, clone 2B12 (Abberior STAR 635P)	IF	Camelid	
RAB00902	FluoTag-X2 anti-mScarlet-i, clone 2B12 (Alexa 647)	IF	Camelid	
RAB00904	FluoTag-X2 anti-mScarlet-i, clone 2B12 (ATTO 488)	IF	Camelid	
RAB00968	FluoTag-X2 anti-Rabbit IgG, clone 10E10 (Abberior STAR 635P)	IF	Camelid	Rabbit
RAB00982	FluoTag-X2 anti-Rabbit IgG, clone 10E10 (LICOR 680 RD)	IF	Camelid	Rabbit
RAB00984	FluoTag-X2 anti-Rabbit IgG, clone 10E10 (LICOR 800 CW)	IF	Camelid	Rabbit
RAB00812	FluoTag-X2 anti-TagFP, clone 1H7 (Abberior STAR 580)	IF	Camelid	
RAB00814	FluoTag-X2 anti-TagFP, clone 1H7 (Abberior STAR 635P)	IF	Camelid	
RAB00818	FluoTag-X2 anti-TagFP, clone 1H7 (Alexa 647)	IF	Camelid	
RAB00820	FluoTag-X2 anti-TagFP, clone 1H7 (ATTO 488)	IF	Camelid	

Fluo Tag-X4

Catalog No.	Product Name	Applications	Host	Reactivity
RAB00732	FluoTag-X4 anti-GFP, clone 1H1/1B2 (Abberior STAR 580)	IF	Camelid	
RAB00734	FluoTag-X4 anti-GFP, clone 1H1/1B2 (Abberior STAR 635P)	IF	Camelid	
RAB00738	FluoTag-X4 anti-GFP, clone 1H1/1B2 (Alexa 647)	IF	Camelid	
RAB00740	FluoTag-X4 anti-GFP, clone 1H1/1B2 (ATTO 488)	IF	Camelid	
RAB00990	FluoTag-X4 anti-Rabbit IgG, clone 8C10/10E10 (Abberior STAR 580)	IF	Camelid	Rabbit
RAB00992	FluoTag-X4 anti-Rabbit IgG, clone 8C10/10E10 (Abberior STAR 635P)	IF	Camelid	Rabbit
RAB00996	FluoTag-X4 anti-Rabbit IgG, clone 8C10/10E10 (Alexa 647)	IF	Camelid	Rabbit
RAB00998	FluoTag-X4 anti-Rabbit IgG, clone 8C10/10E10 (ATTO 488)	IF	Camelid	Rabbit
RAB00772	FluoTag-X4 anti-RFP, clone 2B12/2A1 (Abberior STAR 580)	IF	Camelid	
RAB00774	FluoTag-X4 anti-RFP, clone 2B12/2A1 (Abberior STAR 635P)	IF	Camelid	
RAB00778	FluoTag-X4 anti-RFP, clone 2B12/2A1 (Alexa 647)	IF	Camelid	
RAB00780	FluoTag-X4 anti-RFP, clone 2B12/2A1 (ATTO 488)	IF	Camelid	