

Anti-StayGold, AlpHcAbs® Rabbit antibody

Summary

Code.	082-201-001
Immunogen	StayGold fusion protein
Clone No	A2F7
Host	Alpaca pacous
Isotype	VHH domain of alpaca IgG2b/2c fused to Rabbit Fc(mutation)
Conjugate	Unconjugated
Specificity	StayGold
Clonality	Recognizes StayGold, mStayGold and mBaojin variants. Does not cross-react with other proteins.
Purity	Recombinant Expression and Affinity purified
Concentration	1mg/ml
Formation	Liquid, 10mM PBS (pH 7.5), 0.05% sucrose, 0.1% trehalose, 0.01% proclin300, 50% Glycerol
Storage	Store at -20 °C, (Avoid freeze / thaw cycles)

Description

Anti-StayGold, AlpHcAbs® Rabbit antibody is designed for detecting StayGold fusion protein specifically. Anti-StayGold, AlpHcAbs® Rabbit antibody is monovalent, recombinant single domain antibody fused to rabbit IgG Fc. Based on western blot and ELISA, Anti-StayGold, AlpHcAbs® Rabbit antibody reacts with the StayGold selectively, no reactivity with other proteins.

Description

StayGold is an exceptionally bright and stable fluorescent protein that is highly resistant to photobleaching. The high brightness and photostability of the green fluorescent protein StayGold make it a particularly attractive probe for long-term live-cell imaging. Using antibody with Fc(mutation), the background from Fc receptors will be eliminated.

Benefits

High lot-to-lot consistency
 Increased sensitivity and higher affinity
 Animal-free production

Application notes

WB	1:5,000-1:20000
ELISA	1:5,000-1:20000
ICC/IF	1:100-1:1000
IP	1-2ug/sample
Flow Cyt	1µg for 10 ⁶ cells

Dilution factors are presented in the form of a range because the optimal dilution is a function of many factors, such as antigen density, permeability, etc. The actual dilution used must be determined empirically.

This product is for research use only and is not approved for use in humans or in clinical