

Anti-DYKDDDDK Affinity Resin Easy (L00907)

— Make Immunoprecipitation and Purification Easy

A good helper for immunoprecipitation and purification of DYKDDDDK-tagged proteins!



The DYKDDDDK tag is an octapeptide tag that can be added to proteins by recombinant DNA technology. GenScript's latest Anti - DYKDDDDK Affinity Resin Easy (Cat. No. L00907) has the characteristics of high capacity, high specificity, high sensitivity, and reusability. It can be used for affinity purification and immunoprecipitation of DYKDDDDK-tagged fusion proteins expressed in common protein expression systems such as bacteria, yeast, and mammalian cells.

Product Features

High purity

Purity>95% under different expression system

High sensitivity

Can capture 5ng protein

High specificity

Very low non-specific adsorption

More regenerations

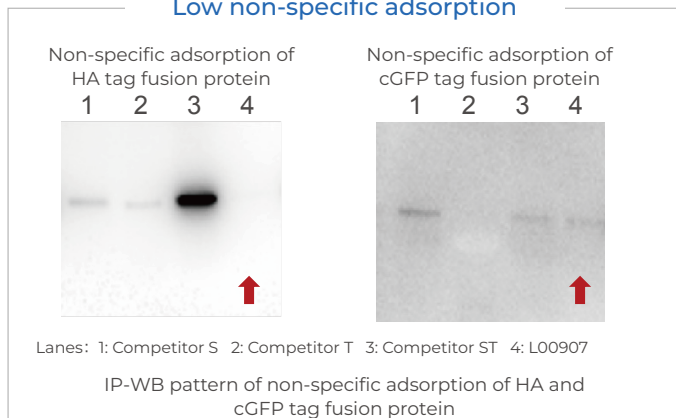
Reusable 4-10 times

Flag Resin Selection Guide

Performance Indicators		Anti-DYKDDDDK Affinity Resin Easy (L00907)	Anti-DYKDDDDK G1 Affinity Resin (L00432)	MonoRab™ Anti-DYKDDDDK Affinity Resin (L00766)
Immunoprecipitation (IP)		√	N/A	ChIP
Purification		√	√	√
Binding capacity		~1.0 mg/ml resin	~1.5 mg/ml resin	~1.5 mg/ml resin
Elution	Alkaline elution	√	√	√
	Acid elution	N/A	√	N/A
	Neutral elution	N/A	√	N/A
	Peptide competition elution	√	√	√
	SDS-PAGE loading buffer	√	√	√
Regeneration times		4-10 times	4-10 times	4-10 times
Advantages		IP application: Low non-specific adsorption, High sensitivity Purification application: High purity, especially in yeast system	Purification application: High binding capacity, High purity	Purification applications under extreme conditions: High salt resistance, Acid resistant

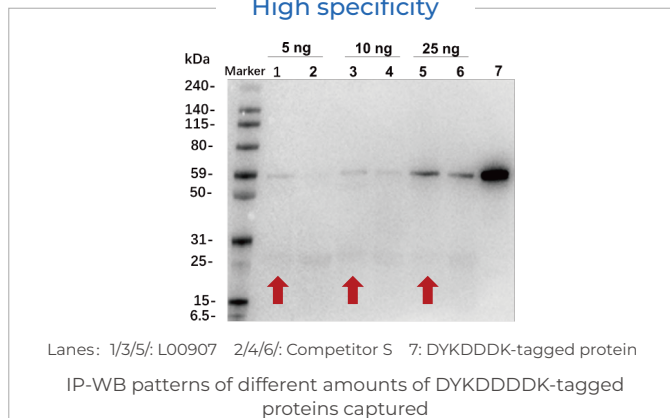
Case study 1: IP application

Low non-specific adsorption



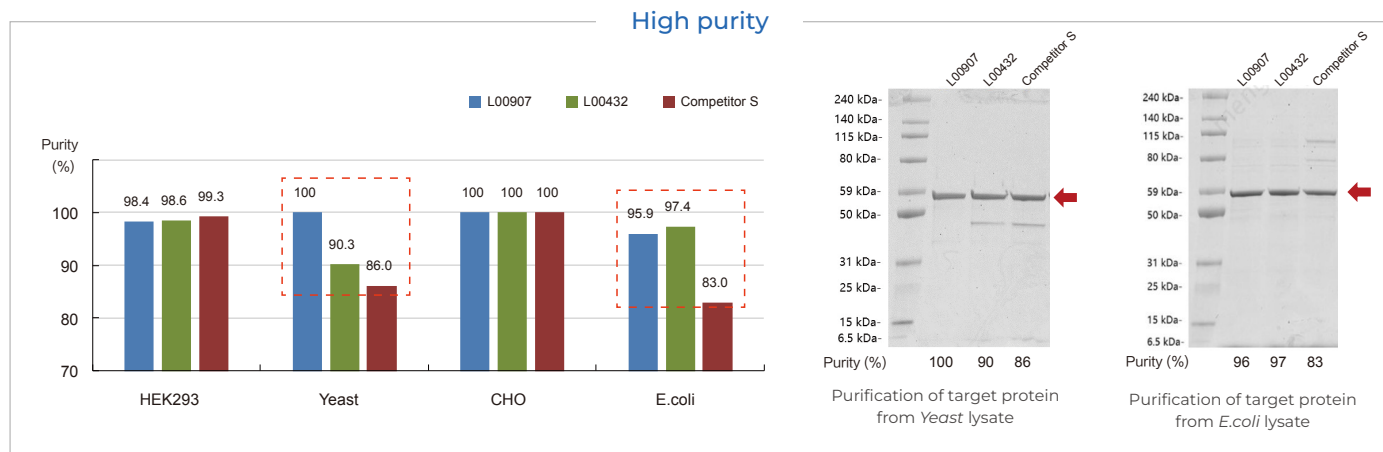
Conclusion: GenScript L00907 has almost no non-specific adsorption on HA and cGFP tag fusion protein, and its performance is better than that of competitors.

High specificity



Conclusion: GenScript L00907 can still effectively capture the target protein under the experimental conditions with a very small amount of target protein, and its sensitivity is higher than that of competitors.

Case Study 2: Purification Experiment



Conclusion: The purity of the target protein purified by GenScript L00907 in different expression systems was >95%, especially in the Yeast system.

Product List

Cat. No	Product Name	List price	
L00907	Anti-DYKDDDDK Affinity Resin Easy NEW	1ml	\$377
		5ml	\$751
		10ml	\$1597
		25ml	\$3470
L00432	Anti-DYKDDDDK G1 Affinity Resin HOT	1ml	\$290
		5ml	\$683
		10ml	\$1229
		25ml	\$2669
L00766	MonoRab™ Anti-DYKDDDDK Affinity Resin	1ml	\$386
		5ml	\$925
		25ml	\$3708

Related Products

Product Categories		Cat. No	Product Name
Mouse monoclonal antibody: High sensitivity, high specificity	Unconjugated antibody	A00187	THE™ DYKDDDDK Tag Antibody, mAb, Mouse
	Conjugated antibody	A01428	THE™ DYKDDDDK Tag Antibody [HRP], mAb, Mouse
		A01429	THE™ DYKDDDDK Tag Antibody [Biotin], mAb, Mouse
		A01632	THE™ DYKDDDDK Tag Antibody [FITC], mAb, Mouse
		A01809	THE™ DYKDDDDK Tag Antibody [iFluor 488], mAb, Mouse
		A01810	THE™ DYKDDDDK Tag Antibody [iFluor 555], mAb, Mouse
		A01811	THE™ DYKDDDDK Tag Antibody [iFluor 647], mAb, Mouse
Rabbit monoclonal antibody: High affinity	Unconjugated antibody	A01868	MonoRab™ DYKDDDDK Tag Antibody, mAb, Rabbit
	Conjugated antibody	A01869	MonoRab™ DYKDDDDK Tag Antibody [HRP], mAb, Rabbit
		A01870	MonoRab™ DYKDDDDK Tag Antibody [Biotin], mAb, Rabbit
		A01871	MonoRab™ DYKDDDDK Tag Antibody [FITC], mAb, Rabbit
Detection Plate	Black	L00455B	DYKDDDDK Tag Antibody Plate (Black, 96-well)
	Clear	L00455C	DYKDDDDK Tag Antibody Plate (Clear, 8X12 strip)
	White	L00455W	DYKDDDDK Tag Antibody Plate (White, 96-well)

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