

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

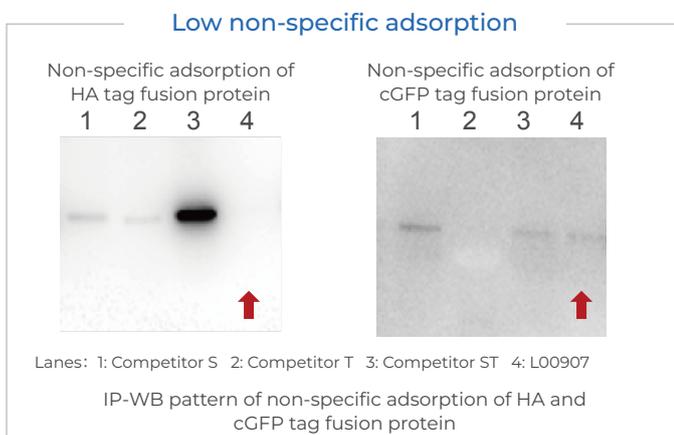
More regenerations

Reusable 4-10 times

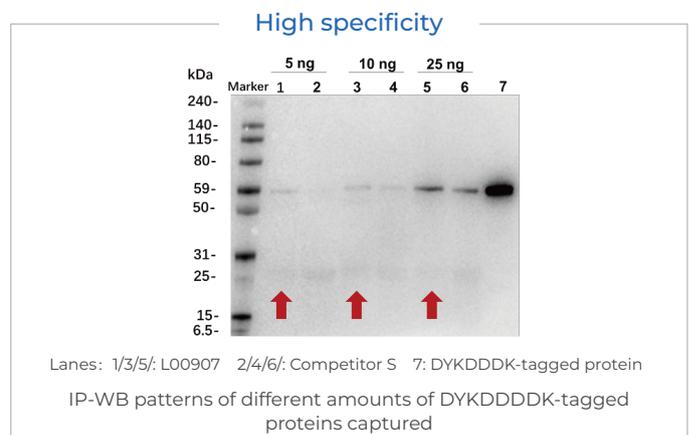
Flag Resin Selection Guide

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	<p>IP application: Low non-specific adsorption, High sensitivity</p> <p>Purification application: High purity, especially in yeast system</p>	<p>Purification application: High binding capacity, High purity</p>	<p>Purification applications under extreme conditions: High salt resistance, Acid resistant</p>	

Case study 1: IP application

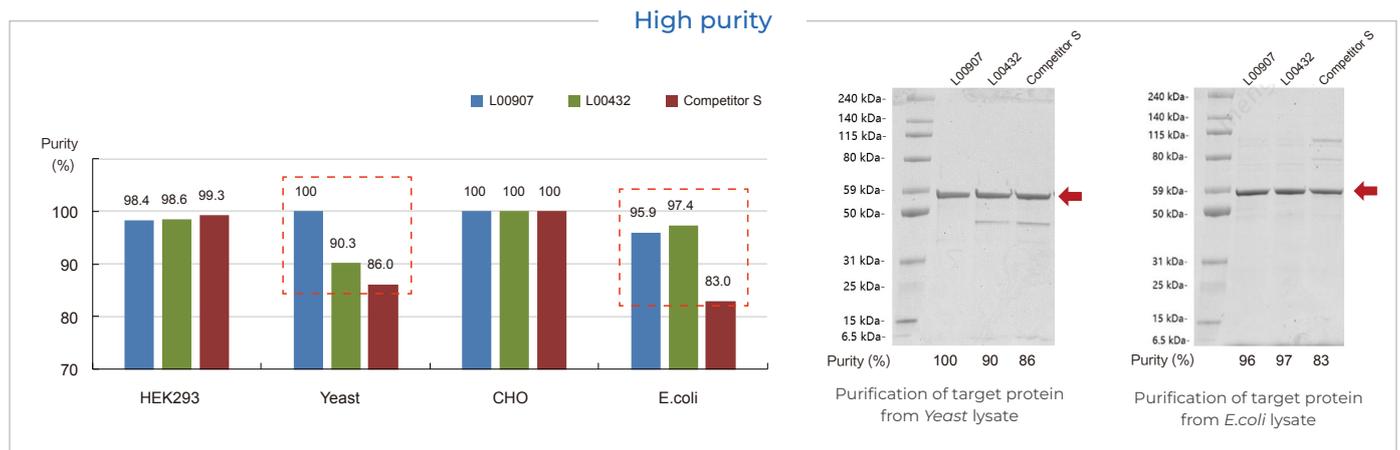


Conclusion: GenScript L00907 has almost no non-specific adsorption on HA and cGFP tag fusion protein, and its performance is better than that of competitors.



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	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	A01868	MonoRab™ DYKDDDDK Tag Antibody, mAb, Rabbit	
	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	L00455B	DYKDDDDK Tag Antibody Plate (Black, 96-well)	
	L00455C	DYKDDDDK Tag Antibody Plate (Clear, 8X12 strip)	
	L00455W	DYKDDDDK Tag Antibody Plate (White, 96-well)	

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