Anti - DYKDDDDK Affinity Resin

Make Immunoprecipitation and Purification Easy

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

GenScript's anti-DYKDDDYK resins offer high capacity, high purity, specificity, sensitivity, and reusability, making it ideal for affinity purification and immunoprecipitation of DYKDDDDK-tagged fusion proteins expressed in common systems such as bacteria, yeast, and mammalian cells.

Product Features

High binding capacity	High purity	High sensitivity	High specificity
>1.0 mg/mL resin	Purity>95% under different exprsssion system	Can capture 5ng protein	Very low non-specific adsorption

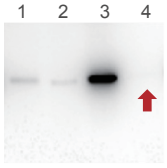
Flag Resin Selection Guide

	Performance Indicators	Anti-DYKDDDDK Affinity Resin Easy (L00907)	Anti-DYKDDDDK G1 Affinity Resin (L00432)
	Immunoprecipitation (IP)	√	N/A
	Purification	√	√
	Binding capacity	~1.0 mg/ml resin	~1.5 mg/ml resin
Elution	Alkaline elution	√	√
	Acid elution	N/A	√
	Neutral elution	N/A	√
	Peptide competition elution	√	√
	SDS-PAGE loading buffer	√	√
	Regeneration 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

Case study 1: IP application

Low non-specific adsorption

Non-specific adsorption of HA tag fusion protein

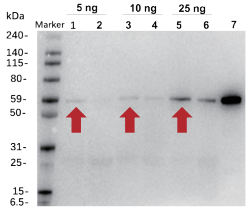


Lanes: 1: Competitor S 2: Competitor T 3: Competitor ST 4: L00907

IP-WB pattern of non-specific adsorption of HA tag fusion protein

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

High specificity



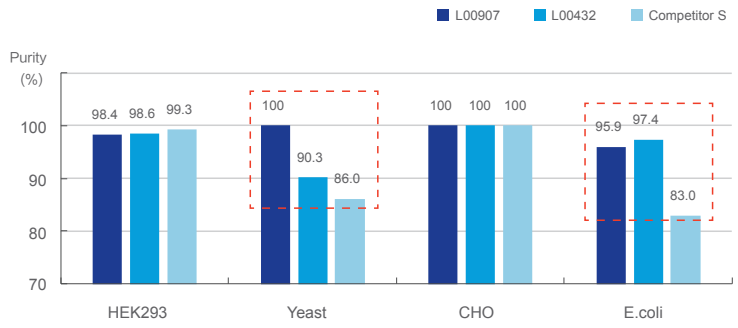
Lanes: 1/3/5/: L00907 2/4/6/: Competitor S 7: DYKDDDK-tagged protein

IP-WB patterns of different amounts of DYKDDDDK-tagged proteins captured

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.

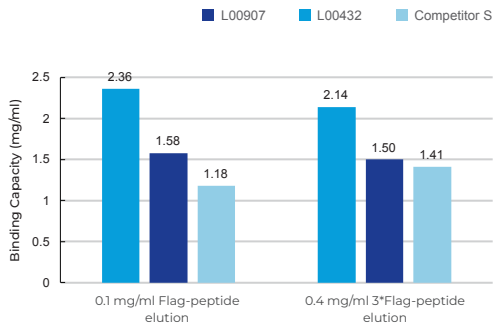
Case Study 2: Purification Experiment

High purity



Conclusion: The purity of the target protein purified by GenScript L00432 and L00907 in different expression systems was >95%, especially in the *Yeast* and *E.coli* systems.

High binding capacity



Conclusion: The saturation binding capacity of GenScript L00432 and L00907 were both higher than the competitor.

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

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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GenScript Scripting Possibilities