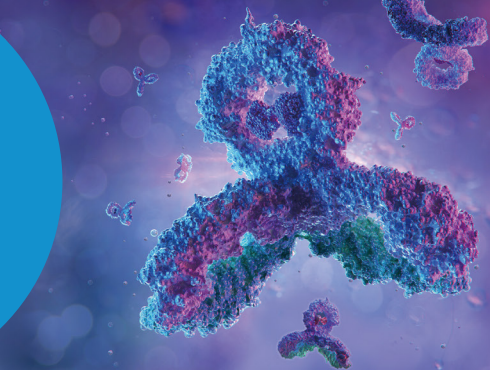


Purification and Detection for DYKDDDDK Tagged Proteins



GenScript's anti-DYKDDDDK resins offer high capacity, 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.

High Purity

Purity >95% under different expression system

High Sensitivity

Capable of binding as low as 5 ng of protein

High Binding Capacity

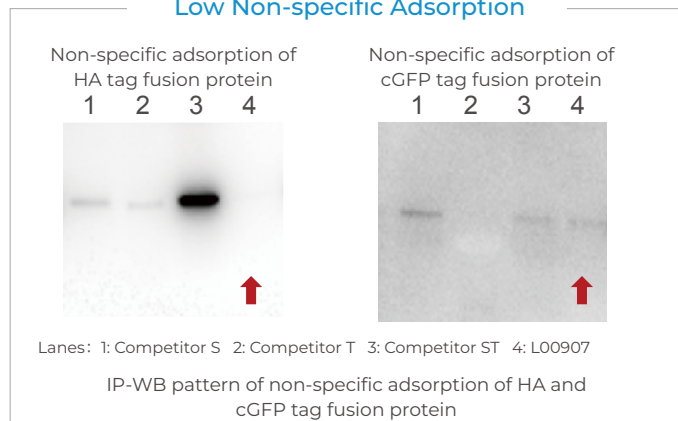
>1.0 mg/ml resin

Anti-DYKDDDDK Affinity Resins Selection Guide

		Anti-DYKDDDDK Affinity Resin Easy <small>NEW</small>	Anti-DYKDDDDK G1 Affinity Resin	MonoRab™ Anti-DYKDDDDK Affinity Resin
Cat. No.		L00907	L00432	L00766
Volumes		1ml, 5ml, 10ml, 25ml	1ml, 5ml, 10ml, 25ml	1ml, 5ml, 25ml
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	Tolerant to high salt and acid

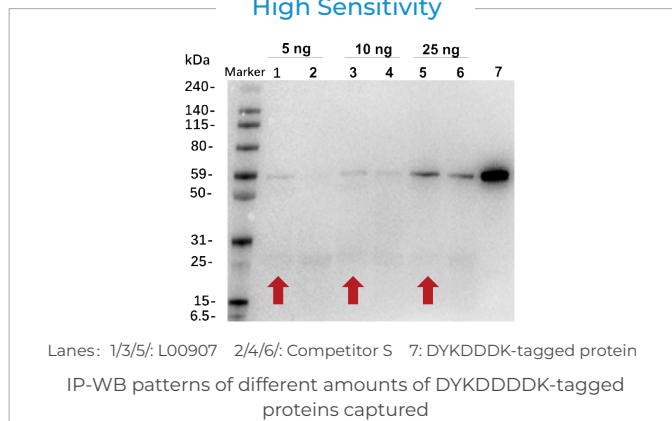
Application Data for IP

Low Non-specific Adsorption



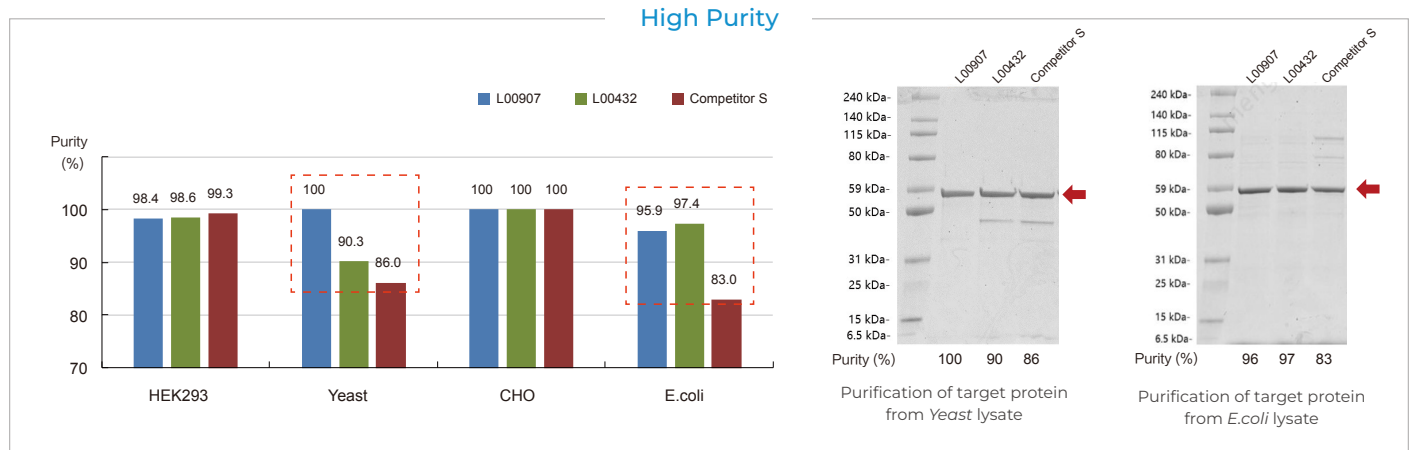
Conclusion: GenScript L00907 has almost no non-specific adsorption on HA and cGFP tag fusion protein, and its performance is better than that of competitors.

High Sensitivity

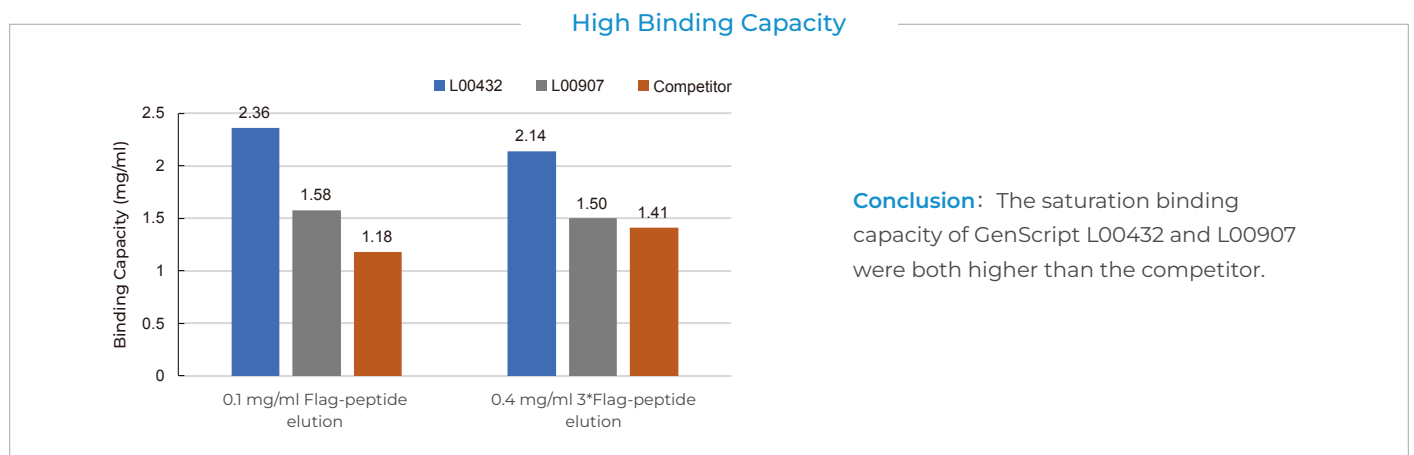


Conclusion: GenScript L00907 can still effectively capture the target protein under the experimental conditions with a very small amount of target protein, and its sensitivity is higher than that of competitors.

Application Data for Purification



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



Anti-DYKDDDDK Detection Antibodies and Plates

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)