

Product Datasheet

IRS2 [p Ser731] Antibody NSB828

Unit Size: 0.2 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NSB828**IRS2 [p Ser731] Antibody**

Product Information	
Unit Size	0.2 ml
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Purity	Immunogen affinity purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	8660
Gene Symbol	IRS2
Species	Human
Reactivity Notes	Cross-reacts with Human. Not yet tested in other species.
Specificity/Sensitivity	This is specific for human IRS 2 phosphorylated at the position of Serine 731. The antibodies were evaluated for specificity with a dot blot assay using synthetically prepared IRS peptides. It only recognizes the phosphorylated serine 731, and does not cross-react with other phosphorylated sites.
Immunogen	Synthetic peptide (YKASpSPAESS) corresponding to amino acids 727-736 of human IRS 2 at the phosphorylated site of Serine 731. This synthetic peptide also correlates to amino acids 129-138 of mouse IRS 2 at the phosphorylation sites of Serine 133 and to amino acids 229-238 of rat IRS 2 at the serinephosphorylation site 233.
Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 0.5 - 2.0 ug/ml, ELISA 0.1 - 1.0 ug/ml, Immunoprecipitation
Application Notes	Immunoprecipitation, Western Blotting and ELISA This antibody detects a band of approximately 200 kDa in cell lysate derived from mouse serum-treated fibroblasts, which corresponds to the predicted molecular weight of phospho IRS 2. Samples were boiled prior to subject 7.5% SDS-polyacrylamide gel electrophoresis.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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