

Product Datasheet

ESRP2 Antibody (22C5.H7.A6) - BSA Free NBP1-77972

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP1-77972

ESRP2 Antibody (22C5.H7.A6) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	22C5.H7.A6
Preservative	0.01% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

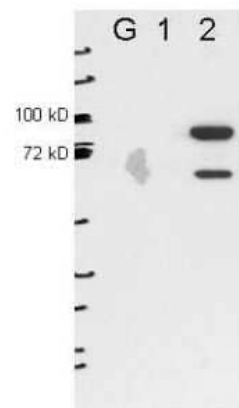
Product Description	
Description	<p>This antibody is an IgG fraction antibody purified from tissue culture supernatant by Protein-A chromatography followed by extensive dialysis against the buffer stated above</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Mouse
Gene ID	80004
Gene Symbol	ESRP2
Species	Mouse
Reactivity Notes	A BLAST analysis was used to suggest cross-reactivity with ESRP2 from mouse based on a 100% homology with the immunizing sequence. Cross-reactivity with ESRP2 from other sources has not been determined.
Immunogen	ESRP2 Antibody (22C5.H7.A6) is produced by repeated immunizations of full length recombinant mouse ESRP-2 fusion protein. (Uniprot: Q8K0G8)

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:1000, ELISA 1:100000
Application Notes	This product has been tested for use western blotting and ELISA. This antibody shows specific reactivity by with ESRP2 transfected cell lysates. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 77.4 kDa in size corresponding to ESRP-2 by western blotting in the appropriate cell lysate or extract. The antibody shows bands at ~77kD and 70kD and no reactivity is observed in cells transfected with GFP or ESRP1. A starting dilution of 1:1000 is suggested for western blotting.



Images

Western Blot: ESRP2 Antibody (22C5.H7.A6) [NBP1-77972] - Anti-ESRP2 by Detection of ESRP2 in transfected 293T cell extracts (lane 2). Lanes G and 1 contain 5ug GFP-transfected- and ESRP1-transfected 293T cell lysates, respectively. Briefly, each lane contains approximately 5 ug of lysate. Primary antibody was used at a 1:1000 dilution (PBS-T plus milk) and reacted for O/N at 4C. The membrane was washed and reacted with a 1:10,000 dilution of an anti-mouse ECL antibody for 1hr at room temperature. The bands shown are full length FLAG-ESRP2 (~80kDa) and a slightly lower band that is specific to ESRP2.



Publications

Warzecha CC, Jiang P, Amirikian K et al. An ESRP-regulated splicing programme is abrogated during the epithelial-mesenchymal transition. EMBO J 2010-10-01 [PMID: 20711167]



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Products Related to NBP1-77972

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-58259PEP	ESRP2 Recombinant Protein Antigen

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.

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