

Product Datasheet

RRAS Antibody (2E12) - Azide and BSA Free H00006237-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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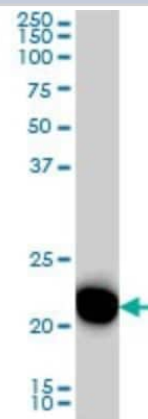
H00006237-M01

RRAS Antibody (2E12) - Azide and BSA Free

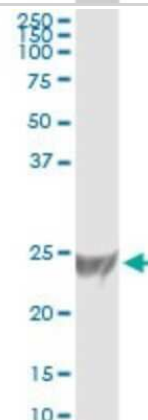
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2E12
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6237
Gene Symbol	RRAS
Species	Human
Specificity/Sensitivity	RRAS - related RAS viral (r-ras) oncogene homolog
Immunogen	RRAS (AAH16286, 109 a.a. ~ 218 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. AINDRQSFNEVGKLFQTQILRVKDRDDFPVVLVGNKADLESQRQVPRSEASAFG ASHHVAYFEASAKLRLNVDEAFEQLVRAVRKYQEQLPPSPPSAPRKKGGGC PCVLL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA, Immunoprecipitation 1:10-1:500
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

Images

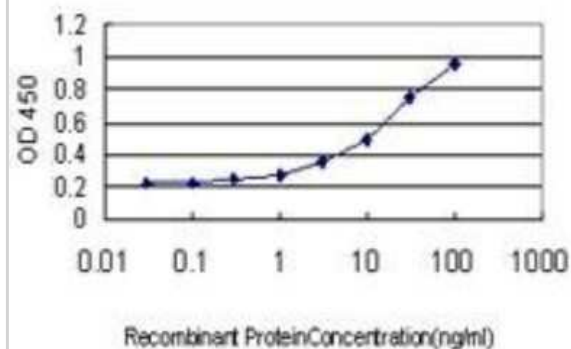
Western Blot: RRAS Antibody (2E12) [H00006237-M01] - RRAS monoclonal antibody (M01), clone 2E12 Analysis of RRAS expression in HeLa.



Immunoprecipitation: RRAS Antibody (2E12) [H00006237-M01] - Analysis of RRAS transfected lysate using anti-RRAS monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with RRAS MaxPab rabbit polyclonal antibody.



ELISA: RRAS Antibody (2E12) [H00006237-M01] - RRAS Antibody (2E12) [H00006237-M01] - Detection limit for recombinant GST tagged RRAS is approximately 0.3ng/ml as a capture antibody.



Publications

Shannon W, Nicole B, Amanda P et al. R-Ras subfamily proteins elicit distinct physiologic effects and phosphoproteome alterations in neurofibromin-null MPNST cells. *Cell Commun Signal*. 2021-09-16 [PMID: 34530870]

Jose H, Masanobu K R-Ras Deficiency in Pericytes Causes Frequent Microphthalmia and Perturbs Retinal Vascular Development. *J Vasc Res*. 2021-04-19 [PMID: 33873190]

Junko S, Carole P, Linyuan C et al. High endothelial venules accelerate naive T cell recruitment by tumor necrosis factor-mediated R-Ras up-regulation. *Am J Pathol*. 2020-11-04 [PMID: 33159887]

Perrot CY, Sawada J, Komatsu M. et al. Prolonged activation of cAMP signaling leads to endothelial barrier disruption via transcriptional repression of RRAS. *FASEB J* 2018-05-18 [PMID: 29775418]



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Products Related to H00006237-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NB100-56161PEP	RRAS Antibody Blocking Peptide

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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