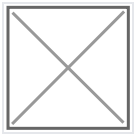
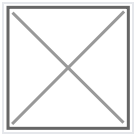
RASEF Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

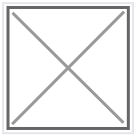
Product Name	RASEF, Monoclonal Antibody
Full Product Name	RASEF (Ras and EF-hand Domain-containing Protein, Ras-related Protein Rab-45, RAB45) (AP)
Product Gene Name	anti-RASEF antibody
Product Synonym Names	FLJ31614
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	2D5
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human RASEF.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	Partial recombinant protein corresponding to aa631-740 from human RASEF (AAH23566) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	NIREWVDMIEDAAHETVPIMLVGNKADIRDTAATEGQKCVPGHFGEKLAMTYGALFCETSAKDGSNIVEAVLHLAREVKKRTDKDDSRSITNLTGTNSKKS
Conjugate	AP
Product Categories/Family for anti-RASEF antibody	Antibodies; GTPase; Rab; Ras; Rho Proteins
Applications Tested/Suitable for anti-RASEF antibody	ELISA (EIA), Immunohistochemistry (IHC) Paraffin, Western Blot (WB)
Application Notes for anti-RASEF antibody	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-RASEF antibody	MBS6133329 is an antibody targeting RASEF. Also known as RASEF (Ras and EF-hand Domain-containing Protein, Ras-related Protein Rab-45, RAB Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-RASEF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional may apply.



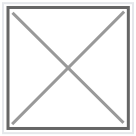
Western Blot (WB) of anti-RASEF antibody
Western Blot detection against Immunogen (38.1kD).



Western Blot (WB) of anti-RASEF antibody
RASEF monoclonal antibody, Western Blot analysis of RASEF expression in K-562.



Immunohistochemistry (IHC) of anti-RASEF antibody
Immunoperoxidase of monoclonal antibody to RASEF on formalin-fixed paraffin-embedded human adrenal gland. [antibody concentration 3ug/ml].



Testing Data of anti-RASEF antibody
Detection limit for recombinant GST tagged RASEF is ~0.3ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RASEF. It may not necessarily be applicable to this product.

NCBI GI #	23270807
NCBI GeneID	158158
NCBI Accession #	BC023566
NCBI Related Accession #	AAH23566
UniProt Related Accession #	Q8IZ41
NCBI Official Full Name	Homo sapiens RAS and EF-hand domain containing, mRNA
NCBI Official Synonym Full Names	RAS and EF-hand domain containing
NCBI Official Symbol	RASEF
NCBI Official Synonym Symbols	RAB45
Protein Family	Ras and EF-hand domain-containing protein
NCBI Protein Information	ras and EF-hand domain-containing protein
NCBI Summary for RASEF	This gene is a member of the Rab family of GTPases that are involved in regulation of membrane traffic. The encoded protein contains an N-terminal EF-hand domain, a coiled-coil motif and a C-terminal Rab domain. A potential role as tumor suppressor has been indicated for this gene. [provided by RefSeq, Nov 2012]
Research Articles on RASEF	**1.** Near-genomewide RNAi screening for regulators of BRAF(V600E) -induced senescence identifies RASEF, a gene epigenetically silenced in melanoma.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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