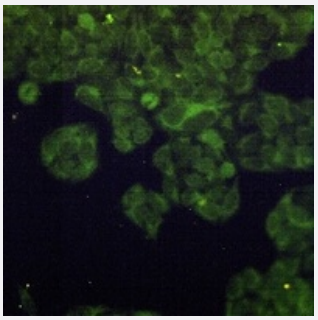
RecomAb™ Sm Size

ADSS2 recombinant monoclonal antibody

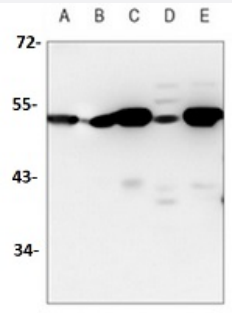
Catalog # RAB09133 Size 50 uL

Applications



Immunofluorescence

Immunofluorescent analysis of HeLa cells with ADSS recombinant monoclonal antibody (Cat # RAB09133). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



Western Blot

Western blot analysis of K562 (A), rat brain (B), C6 (C), NIH3T3 (D), Hela (E) whole cell lysates with ADSS recombinant monoclonal antibody (Cat # RAB09133).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ADSS2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein of human AdSS 2.
Theoretical MW (kDa)	54
Reactivity	Human, Mouse, Rat

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Specificity	Recognizes endogenous levels of ADSS protein.
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:100) Immunofluorescence (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence

  Immunofluorescent analysis of HeLa cells with ADSS recombinant monoclonal antibody (Cat # RAB09133). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

- Western Blot

  Western blot analysis of K562 (A), rat brain (B), C6 (C), NIH3T3 (D), Hela (E) whole cell lysates with ADSS recombinant monoclonal antibody (Cat # RAB09133).

Gene Info — ADSS

Entrez GeneID	159
Protein Accession#	P30520
Gene Name	ADSS
Gene Alias	ADEH, MGC20404

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Gene Description	adenylosuccinate synthase
Omim ID	103060
Gene Ontology	Hyperlink
Gene Summary	Adenylosuccinate synthetase catalyzes the first committed step in the conversion of IMP to AMP [provided by RefSeq
Other Designations	Adenylosuccinate synthetase (Ade(-)H-complementing)|OTTHUMP00000037982

Pathway

- Alanine
- Biosynthesis of alkaloids derived from histidine and purine
- Metabolic pathways
- Purine metabolism

Disease

- Ataxia telangiectasia
- Genetic Predisposition to Disease
- Schizophrenia

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