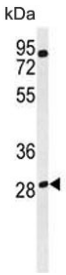
RagD Antibody / RRAGD (F54410)

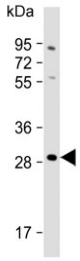
Catalog No.	Formulation	Size
F54410-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54410-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9NQL2
Localization	Nuclear, cytoplasmic
Applications	Flow cytometry: 1:25 (1x10e6 cells) Immunohistochemistry (FFPE): 1:25 Western blot: 1:500-1:2000
Limitations	This RagD antibody is available for research use only.



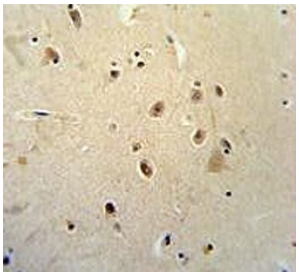
Western blot testing of human MDA-MB-435 cell lysate with RagD antibody. Predicted molecular weight: ~46 kDa (isoform 1) and ~29 kDa (isoform 2).



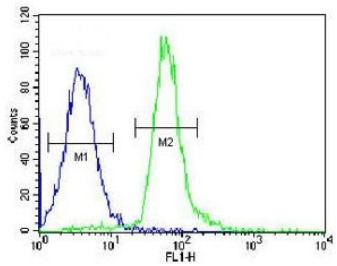
Western blot testing of human 293T cell lysate with RagD antibody. Predicted molecular weight: ~46 kDa (isoform 1) and ~29 kDa (isoform 2).



Western blot testing of mouse cerebellum lysate with RagD antibody. Predicted molecular weight: ~51 kDa and ~30 kDa (multiple isoforms).



IHC testing of FFPE human brain tissue with RagD antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human MDA-MB-435 cells with RagD antibody; Blue=isotype control, Green= RagD antibody.

Description

Ras-related GTP-binding protein D is a monomeric guanine nucleotide-binding protein, or G protein. By binding GTP or GDP, small G proteins act as molecular switches in numerous cell processes and signaling pathways.

Application Notes

The stated application concentrations are suggested starting points. Titration of the RagD antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 171-199 from the human protein was used as the immunogen for the RagD antibody. Isoforms 1 and 2 may be detected by this RagD antibody.

Storage

Aliquot the RagD antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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