10320 Camino Santa Fe, Suite G
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RALGDS Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RALGDS.
Catalog # AT3556a

Specification

RALGDS Antibody (monoclonal) (M01) - Product Information

Application	**E**
Primary Accession	Q12967
Other Accession	BC059362
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**100607**

RALGDS Antibody (monoclonal) (M01) - Additional Information

Gene ID 5900

Other Names
Ral guanine nucleotide dissociation stimulator, RalGDS, Ral guanine nucleotide exchange factor, RalGEF, RALGDS, KIAA1308, RGF

Target/Specificity
RALGDS (AAH59362, 793 a.a. ~ 902 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
RALGDS Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

RALGDS Antibody (monoclonal) (M01) - Protocols

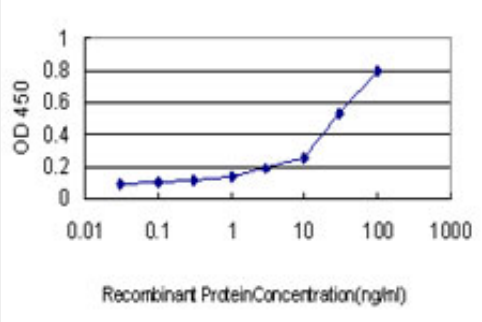
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation

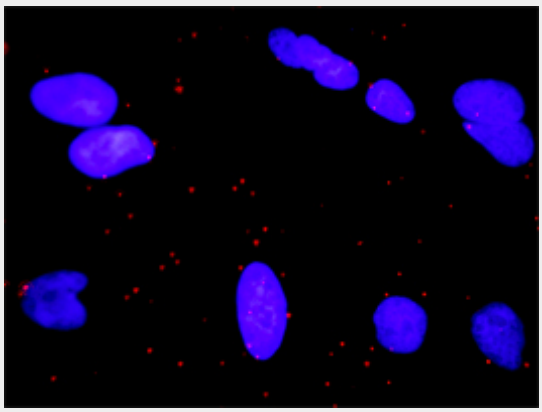
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- Flow Cytomety
- Cell Culture

RALGDS Antibody (monoclonal) (M01) - Images



Detection limit for recombinant GST tagged RALGDS is approximately 0.1ng/ml as a capture antibody.



Proximity Ligation Analysis of protein-protein interactions between MAPK3 and RALGDS HeLa cells were stained with anti-MAPK3 rabbit purified polyclonal 1:1200 and anti-RALGDS mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

RALGDS Antibody (monoclonal) (M01) - References

Ras classical effectors: new tales from in silico complexes. Fuentes G, et al. Trends Biochem Sci, 2009 Nov. PMID 19801192.RalA functions as an indispensable signal mediator for the nutrient-sensing system. Maehama T, et al. J Biol Chem, 2008 Dec 12. PMID 18948269.Guanine exchange factor RalGDS mediates exocytosis of Weibel-Palade bodies from endothelial cells. Rondaij MG, et al. Blood, 2008 Jul 1. PMID 18417737.No evidence of RALGDS mutations in cutaneous melanoma. Omholt K, et al. Melanoma Res, 2007 Dec. PMID 17992125.Activation of the RalGEF/Ral pathway promotes prostate cancer metastasis to bone. Yin J, et al. Mol Cell Biol, 2007 Nov. PMID 17709381.