



# Anti-RASD2 monoclonal antibody, clone 2H2 (DCABH-558)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to RASD2
<b>Antigen Description</b>	GTPase signaling protein that binds to and hydrolyzes GTP. Regulates signaling pathways involving G-proteins-coupled receptor and heterotrimeric proteins such as GNB1, GNB2 and GNB3. May be involved in selected striatal competencies, mainly locomotor activity and motor coordination.
<b>Immunogen</b>	Recombinant full length Human RASD2 protein (NP_055125).
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Dog, Human
<b>Clone</b>	2H2
<b>Purity</b>	Immunogen affinity purified
<b>Purification</b>	Purified from mouse ascites fluids by affinity chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, Flow Cyt
<b>Positive Control</b>	HepG2, HeLa, HT29, A549, COS7, Jurkat, MDCK, PC12 and MCF7 protein lysates and Hela cells.
<b>Format</b>	Liquid
<b>Size</b>	100 µl

<b>Buffer</b>	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	store at -20°C. Avoid freeze / thaw cycles.
<b>Ship</b>	Shipped at 4°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">RASD2 RASD family, member 2 [ Homo sapiens ]</a>
<b>Official Symbol</b>	RASD2
<b>Synonyms</b>	RASD2; RASD family, member 2; GTP-binding protein Rhes; MGC:4834; Ras homolog enriched in striatum; Rhes; TEM2; tumor endothelial marker 2;
<b>Entrez Gene ID</b>	<a href="#">23551</a>
<b>Protein Refseq</b>	<a href="#">NP_055125</a>
<b>UniProt ID</b>	<a href="#">Q96D21</a>
<b>Chromosome Location</b>	22q13.1
<b>Function</b>	G-protein beta-subunit binding; GTP binding; GTPase activity; nucleotide binding; phosphatidylinositol 3-kinase binding; ubiquitin conjugating enzyme binding;