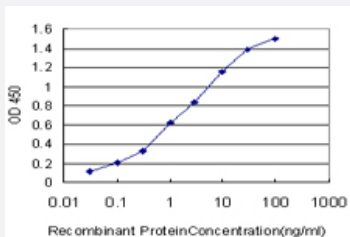


GPR154 monoclonal antibody (M01), clone 2F5

Catalog # H00387129-M01

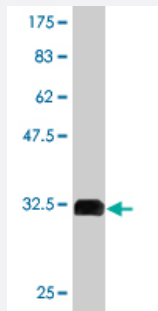
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GPR154 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (31.46 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GPR154.
Immunogen	GPR154 (NP_997056, 2 a.a. ~ 53 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PANFTEGSFDSSGTGQTLDSSPVACTETVTFTEVVEGKEWGSFYYSFKTEQL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (71); Rat (73)

Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (31.46 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GPR154 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — NPSR1

Entrez GeneID	387129
GeneBank Accession#	NM_207173
Protein Accession#	NP_997056
Gene Name	NPSR1
Gene Alias	ASRT2, GPR154, GPRA, NPSR, PGR14, VRR1
Gene Description	neuropeptide S receptor 1
Omim ID	608584 608595
Gene Ontology	Hyperlink

Gene Summary

This gene is a member of the G protein-coupled receptor 1 family and encodes a plasma membrane protein. Increased expression of this gene in ciliated cells of the respiratory epithelium and in bronchial smooth muscle cells is associated with asthma. Mutations in this gene have also been associated with this disease. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq]

Other Designations

G protein-coupled receptor 154|G protein-coupled receptor for asthma susceptibility|OTTHUMP0000125228|OTTHUMP00000125229|vasopressin receptor-related receptor 1

Disease

- [Anxiety Disorders](#)
- [Arthritis](#)
- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Conjunctivitis](#)
- [Crohn Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Gastrointestinal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Inflammatory Bowel Diseases](#)
- [Respiratory Hypersensitivity](#)
- [Respiratory Syncytial Virus Infections](#)

- [Rhinitis](#)
- [Tobacco Use Disorder](#)