

## Rabbit Anti-Dopamine D5 receptor/Cy5 Conjugated antibody

SL1747R-Cy5

<b>Product Name</b>	Anti-Dopamine D5 receptor/Cy5
<b>Chinese Name</b>	Cy5 标记的多巴胺受体 D5 抗体
<b>Alias</b>	D(1B) dopamine receptor; D(5) dopamine receptor; D1 beta dopamine receptor; D1B dopamine receptor; D1beta dopamine receptor; D5 dopamine receptor; DBDR; Dopamine receptor D1B; DRD 1B; DRD 5; DRD1B; DRD1L2; DRD5; MGC10601; DRD5_HUMAN; DRD5_RAT.
<b>Research Area</b>	Tumour Cell biology Neurobiology Signal transduction The cell membrane 受体 G protein-coupled receptor G protein signal
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Mouse,Rat(predicted:Human) Flow-Cyt=1μg /test
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	53kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from rat DRD5
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Product Detail</b>	<b>background:</b> This is one of the five types (D1 to D5) of receptors for dopamine. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.

This receptor is neuron specific, localized primarily within limbic regions of the brain. Defects in DRD5 are a cause of blepharospasm and may be a cause of schizophrenia.

**Subcellular Location:**

Cell membrane; Multi-pass membrane protein.

**Tissue Specificity:**

Neuron-specific, localized primarily within limbic regions of the brain.

**Similarity:**

Belongs to the G-protein coupled receptor 1 family.

**Database links:**

[Entrez Gene: 1816](#) Human

[Entrez Gene: 13492](#) Mouse

[Entrez Gene: 25195](#) Rat

[Omim: 126453](#) Human

[SwissProt: P21918](#) Human

[SwissProt: Q8BLD9](#) Mouse

[SwissProt: P25115](#) Rat

[Unigene: 380681](#) Human

[Unigene: 167154](#) Mouse

[Unigene: 138110](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.