

## 10-6589: Mouse Monoclonal Antibody to DRD4 (Center)(Clone: 625CT1.5.4)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	625CT1.5.4
<b>Application :</b>	WB
<b>Reactivity :</b>	Human,Mouse
<b>Gene :</b>	DRD4
<b>Gene ID :</b>	1815
<b>Uniprot ID :</b>	P21917
<b>Format :</b>	Purified
<b>Alternative Name :</b>	D(4) dopamine receptor, D(2C) dopamine receptor, Dopamine D4 receptor, DRD4
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Synthetic Peptide

### Description

This gene encodes the D4 subtype of the dopamine receptor. The D4 subtype is a G-protein coupled receptor which inhibits adenylyl cyclase. It is a target for drugs which treat schizophrenia and Parkinson disease. Mutations in this gene have been associated with various behavioral phenotypes, including autonomic nervous system dysfunction, attention deficit/hyperactivity disorder, and the personality trait of novelty seeking. This gene contains a polymorphic number (2-10 copies) of tandem 48 nt repeats; the sequence shown contains four repeats.

### Product Info

<b>Amount :</b>	80 µl / 400 µl
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
<b>Storage condition :</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

### Application Note

WB~1:100~250

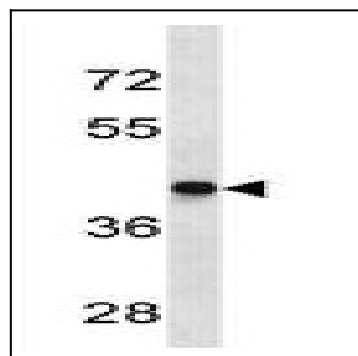


Figure 1: Western blot analysis of DRD4 Antibody (10-6589) in mouse heart tissue lysates (35 $\mu$ g/lane). This demonstrates the DRD4 antibody detected the DRD4 protein.