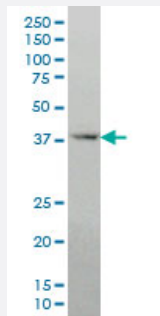


DLX2 monoclonal antibody (M05), clone 2E12

Catalog # H00001746-M05

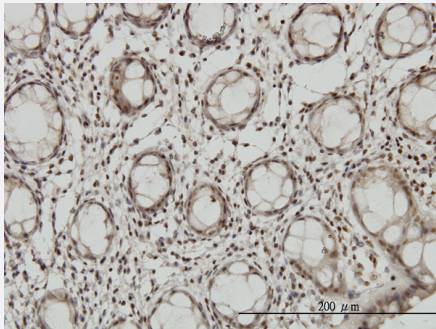
Size 100 ug

Applications



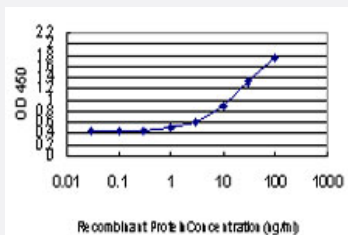
Western Blot (Cell lysate)

DLX2 monoclonal antibody (M05), clone 2E12 Western Blot analysis of DLX2 expression in NIH/3T3 (Cat # L018V1).



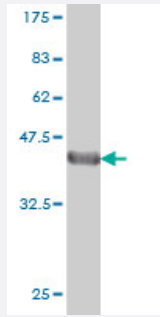
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to DLX2 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DLX2 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DLX2.
Immunogen	DLX2 (NP_004396.1, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTGVFDSLVLADMHSTQIAASSTYHQHQPPSGGGAGPGGNSSSSSSSLHKPQESPTLPVSTATD SSYYTNQQHPAGGGGGGGSPYAHMGSYQYQASGLNNVPYSAKSSYDL
Host	Mouse
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Rat (90)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 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 (Cell lysate)

DLX2 monoclonal antibody (M05), clone 2E12 Western Blot analysis of DLX2 expression in NIH/3T3 (Cat # L018V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to DLX2 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DLX2 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DLX2

Entrez GeneID [1746](#)

GeneBank Accession# [NM_004405.3](#)

Protein Accession# [NP_004396.1](#)

Gene Name DLX2

Gene Alias TES-1, TES1

Gene Description distal-less homeobox 2

Omim ID [126255](#)

Gene Ontology [Hyperlink](#)

Gene Summary Many vertebrate homeo box-containing genes have been identified on the basis of their sequence similarity with Drosophila developmental genes. Members of the Dlx gene family contain a homeo box that is related to that of Distal-less (Dll), a gene expressed in the head and limbs of the developing fruit fly. The Distal-less (Dlx) family of genes comprises at least 6 different members, DLX1-DLX6. The DLX proteins are postulated to play a role in forebrain and craniofacial development. This gene is located in a tail-to-tail configuration with another member of the gene family on the long arm of chromosome 2. [provided by RefSeq]

Other Designations distal-less homeo box 2

Disease

- [Autistic Disorder](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Schizophrenia](#)