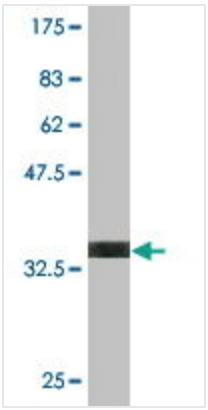
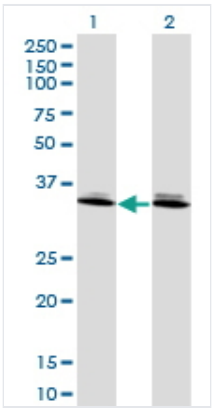
# DLX6 Antibody – Mouse Monoclonal

## PRODUCT OVERVIEW

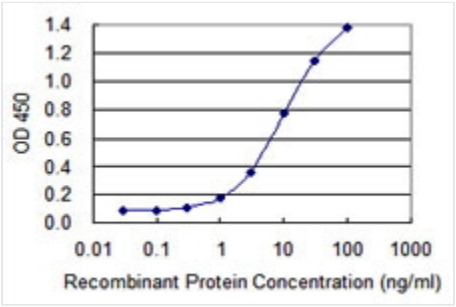
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|---|---|
| **Product Name** | DLX6, Monoclonal Antibody |
| **Full Product Name** | DLX6 (Homeobox Protein DLX-6) (Biotin) |
| **Product Gene Name** | anti-DLX6 antibody |
| **Clonality** | Monoclonal |
| **Isotype** | IgG2a,k |
| **Clone Number** | 2D7 |
| **Host** | Mouse |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin. |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Specificity** | Recognizes human DLX6. |
| **Preparation and Storage** | Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. |
| **3D Structure** | ModBase 3D Structure for NM_005222 |
| **Immunogen** | Partial recombinant corresponding to aa71-160 from human DLX6 with GST tag. MW of the GST tag alone is 26kD. |
| **Immunogen Sequence** | PYASGGGNSYNHRSLAAYPYMSHSQHSPYLQSYHNSSAAAQTRGDDTDQQKTTVIENGEIRFNGKGKKIRKPRTIYSSLQLQALNHRFQQ |
| **Conjugate** | Biotin |
| **Product Categories/Family for anti-DLX6 antibody** | Antibodies; Transcription Factors; Homeobox (HOX) |
| **Applications Tested/Suitable for anti-DLX6 antibody** | ELISA (EIA), Western Blot (WB) |
| **Application Notes for anti-DLX6 antibody** | Applications are based on unconjugated antibody. |
| **Related Product Information for anti-DLX6 antibody** | First expressed in embryos at 8.5-9 days in facial and branchial arch mesenchyme, otic vesicles and frontonasal ectoderm around olfactory placodes, a day later expression is seen in the developing forebrain in primordia of the ganglionic eminence and ventral diencephalic regions. In day 12.5 embryos, expressed in the brain and bones, and also in all skeletal structures of midgestation embryos after the first cartilage formation, and expression progressively declines in both brain and skeleton in day 15 embryos. |
| **Other Notes** | Small volumes of anti-DLX6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for DLX6 purchase** | MBS6141561 is an antibody targeting DLX6. Also known as DLX6 (Homeobox Protein DLX-6) (Biotin). Reactive in Human. Host: Mouse. |




**Western Blot (WB) of anti-DLX6 antibody**
Western Blot detection against Immunogen (35.64kD).




**Western Blot (WB) of anti-DLX6 antibody**
Western Blot analysis of DLX6 expression in transfected 293T cell line by DLX6 monoclonal antibody. Lane 1: DLX6 transfected lysate (19.708kD). Lane 2: Non-transfected lysate.




**Testing Data of anti-DLX6 antibody**
Detection limit for recombinant GST tagged DLX6 is 0.3ng/ml as a capture antibody.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DLX6. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 51492895 |
| **NCBI GeneID** | 1750 |
| **NCBI Accession #** | XM_376652 |
| **NCBI Related Accession #** | XP_376652 |
| **UniProt Primary Accession #** | NM_005222 |
| **UniProt Related Accession #** | P56179 |
| **NCBI Official Synonym Full Names** | distal-less homeobox 6 |
| **NCBI Official Symbol** | DLX6 |
| **Protein Family** | Homeobox protein |
| **NCBI Protein Information** | homeobox protein DLX-6 |
| **NCBI Summary for DLX6** | This gene encodes a member of a homeobox transcription factor gene family similiar to the Drosophila distal-less gene. This family is comprised of at least 6 different members that encode proteins with roles in forebrain and craniofacial development. This gene is in a tail-to-tail configuration with another member of the family on the long arm of chromosome 7. [provided by RefSeq, Jul 2008] |
| **Research Articles on DLX6** | **1.** DLX6AS1 acting as a sponge for miR199a may serve a critical role in the development and progression of cervical cancer. |

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| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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