

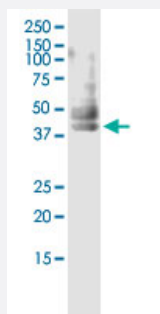
CX Grade

HOXD11 monoclonal antibody (M03J), clone 5G4

Catalog # H00003237-M03J

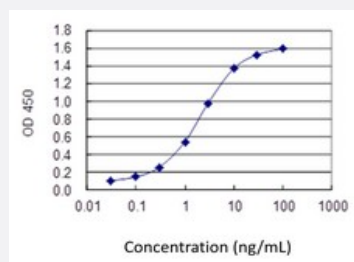
Size 100 ug

Applications



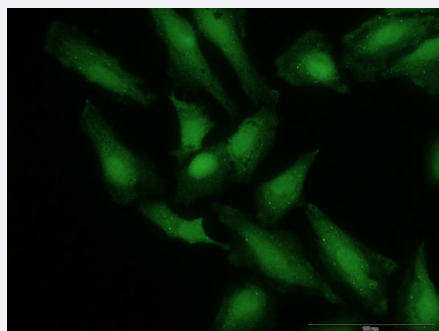
Western Blot (Cell lysate)

HOXD11 monoclonal antibody (M03J), clone 5G4. Western Blot analysis of HOXD11 expression in K-562.



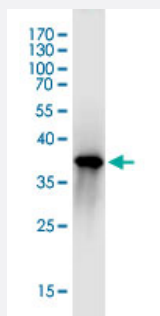
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXD11 is 0.03 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to HOXD11 on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (34.1 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HOXD11. This product is belong to Cell Culture Grade Antibody (CX Grade).
Immunogen	HOXD11 (NP_067015, 1 a.a. ~ 76 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MNDFDECGQSAASMYLPGCAYVAPSDFASKPSFLSQPSSCQMTFPYSSNLAPHVQPVREVAF RDYGLERAKWPYR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99)
Preparation Method	Cell Culture Production
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.1 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)

HOXD11 monoclonal antibody (M03J), clone 5G4. Western Blot analysis of HOXD11 expression in K-562.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HOXD11 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to HOXD11 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — HOXD11

Entrez GeneID [3237](#)

GeneBank Accession# [NM_021192](#)

Protein Accession# [NP_067015](#)

Gene Name HOXD11

Gene Alias HOX4, HOX4F

Gene Description homeobox D11

Omim ID [142986](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located in a cluster on chromosome 2. Deletions that remove the entire HOXD gene cluster or the 5' end of this cluster have been associated with severe limb and genital abnormalities. The product of the mouse Hoxd11 gene plays a role in forelimb morphogenesis. [provided by RefSeq]

Other Designations Hox-4.6, mouse, homolog of homeobox 4F|homeobox D11|homeobox protein Hox-D11

Disease

- [Autistic Disorder](#)
- [Clubfoot](#)
- [Congenital Abnormalities](#)
- [Genetic Predisposition to Disease](#)