

## ARG45184 anti-HOXD11 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes HOXD11
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	HOXD11
Species	Human
Immunogen	Synthetic peptide corresponding to N-terminal region of human HOXD11.
Conjugation	Un-conjugated
Alternate Names	RNA-binding protein Nova-2; Astrocytic NOVA1-like RNA-binding protein; Neuro-oncological ventral antigen 2; NOVA2; ANOVA; NOVA3

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	45 kDa	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.01% Sodium azide and 4% Trehalose.
Preservative	0.01% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

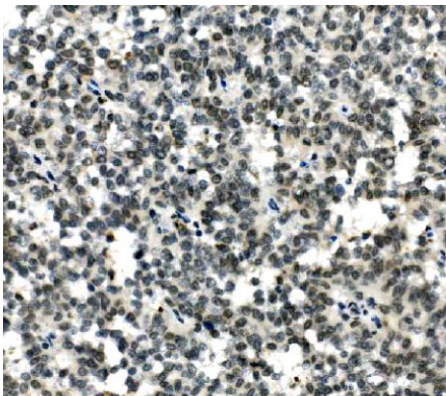
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

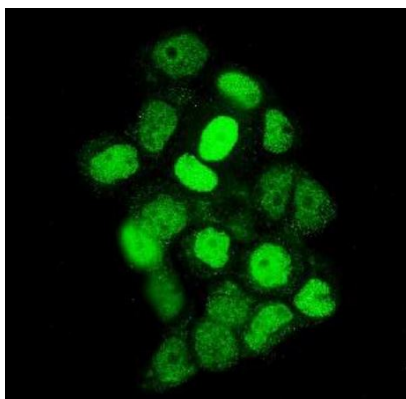
Gene Symbol	HOXD11
Gene Full Name	Homeobox D11
Background	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox 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, Jul 2008]
Function	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. [UniProt]
Calculated Mw	35 kDa
Cellular Localization	Nucleus. [UniProt]

## Images



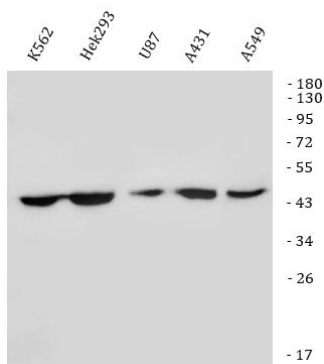
ARG45184 anti-HOXD11 antibody IHC-P image

Immunohistochemistry: Human melanoma stained with ARG45184 anti-HOXD11 antibody at 1 µg/ml dilution.



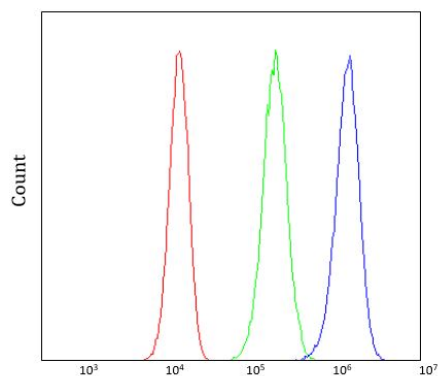
ARG45184 anti-HOXD11 antibody ICC/IF image

Immunofluorescence: A431 stained with ARG45184 anti-HOXD11 antibody at 5 µg/ml dilution.



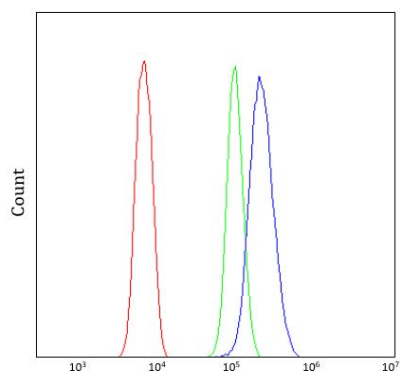
#### ARG45184 anti-HOXD11 antibody WB image

Western blot: K562, Hek293, U87, A431, and A549 stained with ARG45184 anti-HOXD11 antibody at 0.5  $\mu\text{g}/\text{ml}$  dilution.



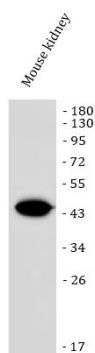
#### ARG45184 anti-HOXD11 antibody FACS image

Flow Cytometry: 293T stained with ARG45184 anti-HOXD11 antibody at 1  $\mu\text{g}/10^6$  cells dilution.



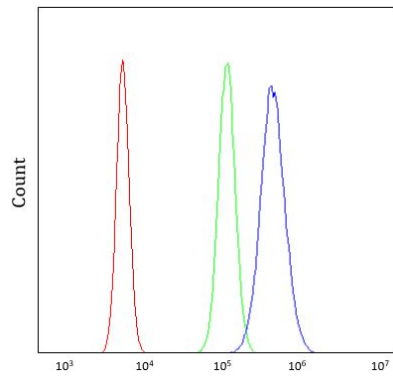
#### ARG45184 anti-HOXD11 antibody FACS image

Flow Cytometry: NRK stained with ARG45184 anti-HOXD11 antibody at 1  $\mu\text{g}/10^6$  cells dilution.



#### ARG45184 anti-HOXD11 antibody WB image

Western blot: Mouse kidney stained with ARG45184 anti-HOXD11 antibody at 0.5  $\mu\text{g}/\text{ml}$  dilution.



#### ARG45184 anti-HOXD11 antibody FACS image

Flow Cytometry: RAW264.7 stained with ARG45184 anti-HOXD11 antibody at  $1\text{ }\mu\text{g}/10^6$  cells dilution.