



Datasheet for ABIN6741575  
**anti-TGFB111 antibody (N-Term)**



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4 Images

Overview

Quantity:	100 µL
Target:	TGFB111
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGFB111 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from N-Terminus of human TGFB111 (B2R8D5, NP_057011). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Mouse, Rat, Panda, Dog, Rabbit (100%), Marmoset, Horse (92%), Bat (84%).  Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human TGFB111 / HIC-5
Predicted Reactivity:	Percent identity by BLAST analysis: Mouse, Rat, Dog, Rabbit (100%) Horse (92%).
Purification:	Immunoaffinity purified

## Target Details

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Target:	TGFB111
Alternative Name:	ARA55 / HIC-5 ( <a href="#">TGFB111 Products</a> )
Background:	Name/Gene ID: TGFB111 Family: TGF beta  Synonyms: TGFB111, ARA55, HIC5, HIC-5, TSC-5
Gene ID:	7041
NCBI Accession:	<a href="#">NP_057011</a>
UniProt:	<a href="#">O43294</a>
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">VEGF Signaling</a>

## Application Details

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Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)  Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL. Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody. Tested in Western blot using transfected cells. ELISA titer in peptide based assay: 1:312500.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

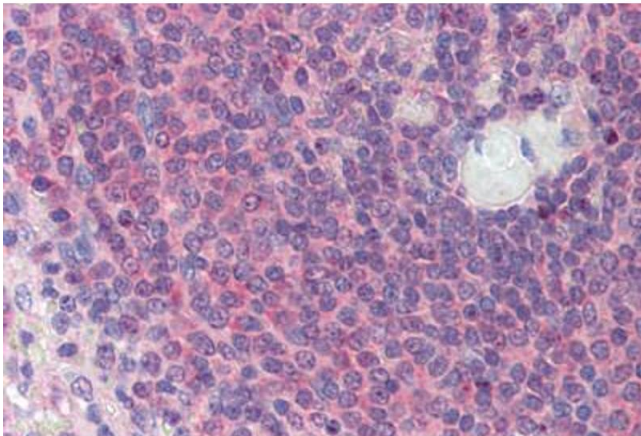
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Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose

## Handling

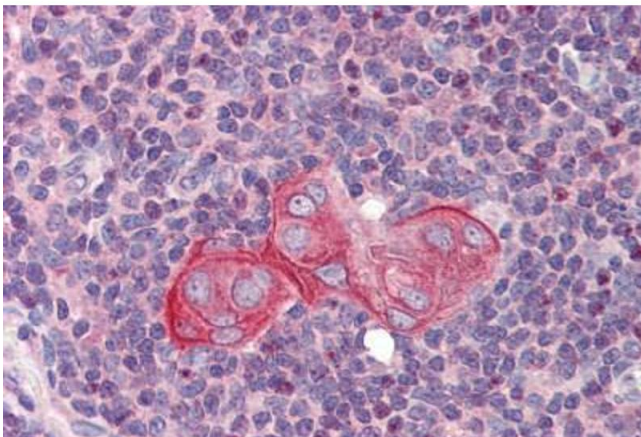
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Images



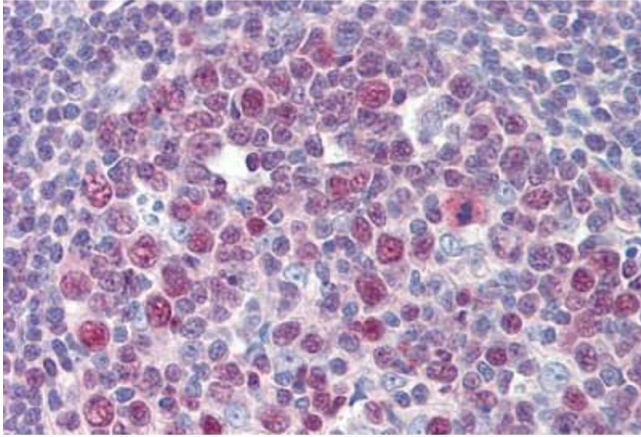
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Spleen (formalin-fixed, paraffin-embedded) stained with TGFB111 antibody ABIN462214 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Human Thymus (formalin-fixed, paraffin-embedded) stained with TGFB111 antibody ABIN462214 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Human Tonsil (formalin-fixed, paraffin-embedded) stained with TGFB111 antibody ABIN462214 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6741575.