

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, Dog, Rabbit
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

Target: TGFB111

Alternative Name: ARA55 / HIC-5 ([TGFB111 Products](#))

Background: Name/Gene ID: TGFB111

Family: TGF beta

Synonyms: TGFB111, ARA55, HIC5, HIC-5, TSC-5

Gene ID: 7041

NCBI Accession: [NP_057011](#)

UniProt: [O43294](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [VEGF Signaling](#)

Application Details

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

Format: Lyophilized

Reconstitution: Distilled water

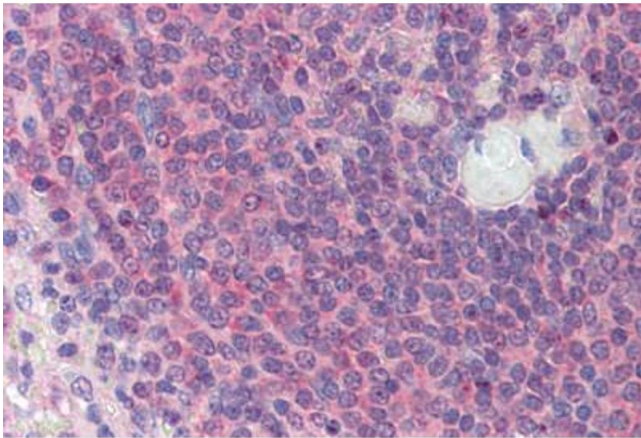
Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

Handling

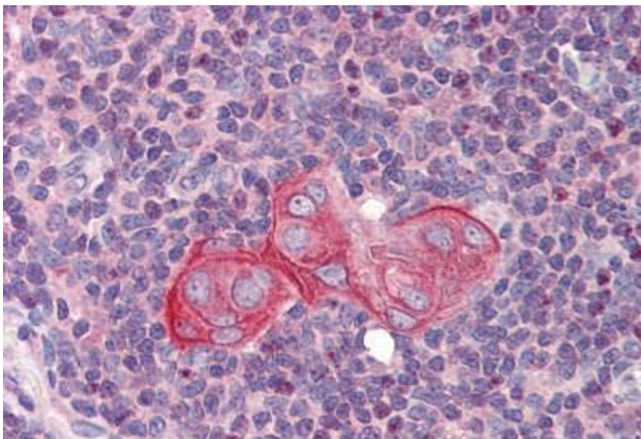
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



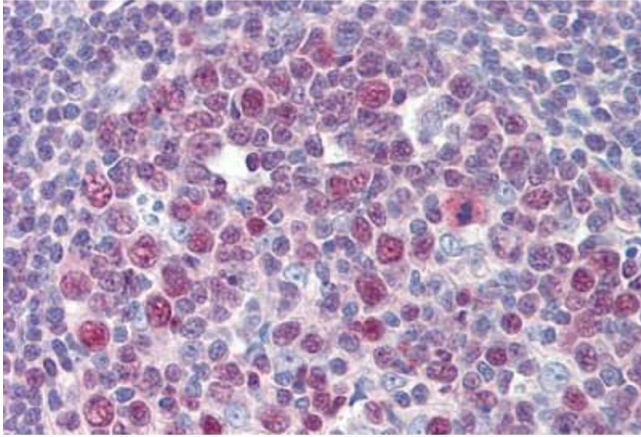
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Spleen (formalin-fixed, paraffin-embedded) stained with TGFB1I1 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 TGFB1I1 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.