

## Product datasheet for **TA345186**

### HIC5 (TGFB11) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TGFB11 antibody: synthetic peptide directed towards the N terminal of human TGFB11. Synthetic peptide located within the following region: PRSGAPKERPAEPLTPPPSYGHQPQTGSGESSGASGDKDHLVSTVCKPRS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	48 kDa
Gene Name:	transforming growth factor beta 1 induced transcript 1
Database Link:	<a href="#">NP_057011</a> <a href="#">Entrez Gene 7041 Human</a> <a href="#">O43294</a>
Background:	The TGFB11 gene encodes a protein that is a key element in the transduction of signals from the cell surface to the nucleus under oxidative stress-review. Higher gene expression may result in unfavorable recurrence-free survival and overall survival in hormone-refractory prostate cancer.
Synonyms:	ARA55; HIC-5; HIC5; TSC-5

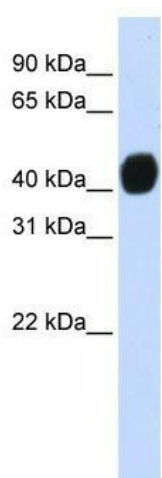


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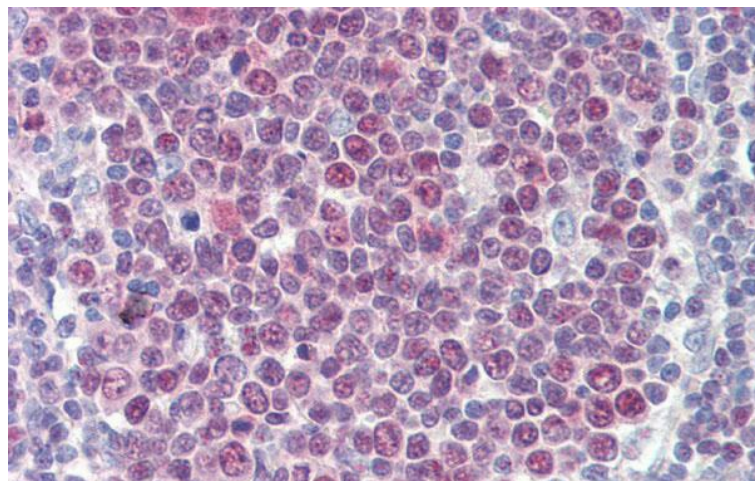
**Note:** Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Horse: 92%

**Protein Families:** Druggable Genome, Transcription Factors

**Product images:**



WB Suggested Anti-TGFB11 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive  
Control: Transfected 293T



Immunohistochemistry with Human Tonsil lysate  
tissue at an antibody concentration of 5.0 ug/ml  
using anti-TGFB11 antibody