

# Product Datasheet

## TBCC Antibody (3D3) - Azide and BSA Free H00006903-M04

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00006903-M04**

TBCC Antibody (3D3) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3D3
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4

**Product Description**

<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	6903
<b>Gene Symbol</b>	TBCC
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	TBCC - tubulin-specific chaperone c (3D3)
<b>Immunogen</b>	TBCC (AAH20170.1, 1 a.a. ~ 346 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MESVSCSAAAVRTGDMESQRDLVLPERLQRREQERQLEVERRKQKRQNQE VEKENSHEFFVATFARERAAVEELLERAESVERLEEAASRLQGLQKLINDSVFFL AAYDLRQGGQEALARLQAALAERRRGLQPKKRFAFKTRGKDAASSTKVDAAPGI PPAVESIQDSPLPKKAEGDLGPSWVCGFSNLESQVLEKRASELHQRDVLLTEL SNCTVRLYGPNPNTLRLTKAHSCKLLCGPVSTSVFLEDCSDCVLAVACQQLRIHS TKDTRIFLQVTSRAIVEDCSGIQFAPYTWSYPEIDKDFESSGLDRSKNNWWDVD DFNWLARDMASPNWSILPEEERNIQWD
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

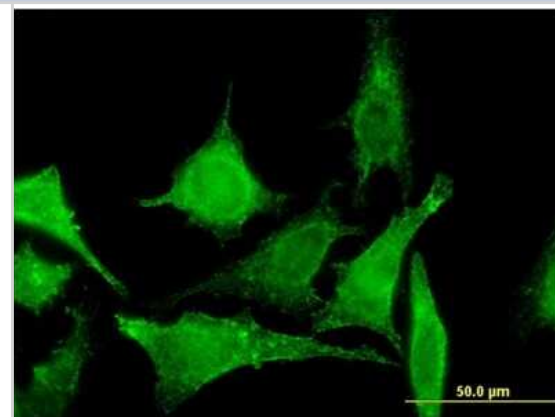
**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
<b>Application Notes</b>	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

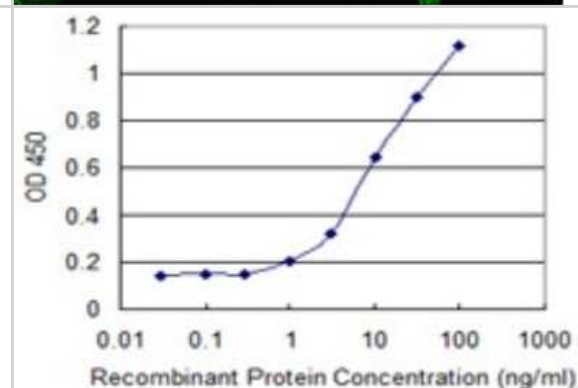


## Images

Immunocytochemistry/Immunofluorescence: TBCC Antibody (3D3) [H00006903-M04] - Analysis of monoclonal antibody to TBCC on HeLa cell. Antibody concentration 10 ug/ml



Sandwich ELISA: TBCC Antibody (3D3) [H00006903-M04] - Detection limit for recombinant GST tagged TBCC is 0.3 ng/ml as a capture antibody.



## Publications

Hage-Sleiman R, Herveau S, Matera EL et al. Silencing of tubulin binding cofactor C modifies microtubule dynamics and cell cycle distribution and enhances sensitivity to gemcitabine in breast cancer cells. *Mol Cancer Ther.* 2011-01-07 [PMID: 21216936]

Garcia-Mayoral MF, Castano R, Fanarraga ML et al. The solution structure of the N-terminal domain of human tubulin binding cofactor C reveals a platform for tubulin interaction. *PLoS One.* 2011-10-18 [PMID: 22028797]

Hage-Sleiman R, Herveau S, Matera EL et al. Tubulin binding cofactor C (TBCC) suppresses tumor growth and enhances chemosensitivity in human breast cancer cells. *BMC Cancer* 10:135. 2010-04-12 [PMID: 20384997]



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### **Products Related to H00006903-M04**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-22897	Recombinant Human TBCC His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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