



Product Data Sheet

001 Rev1 Mar 2020 by JR

Catalogue No. AB0303-100

Qty: 200 µg (2 mg/ml)

TUBB Polyclonal Antibody

Source: Goat

General description: Goat polyclonal antibody to TUBB. Tubulin beta class I protein forms a dimer with alpha tubulin and acts as a structural component of microtubules. This protein is involved in cortical dysplasia and other, brain malformations.

Alternative names: CDCBM6, CSCSC1, M40, OK/SW-cl.56, TUBB1, tubulin beta class I, TUBB5 antibody.

Form: Polyclonal antibody supplied as a 100 µl (2 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Recombinant peptide derived from within residues 345 aa to the C-terminus of human TUBB var1 produced in *E. coli*.

Specificity: Detects endogenous levels of all variants (var1 52 KDa, var2 49.5 KDa, var3 27.3 KDa, var4 44.8KDa, var5 41.7 KDa, var6 41.7 KDa) of TUBB in different cell lines by Western blot.

Reactivity: Reacts against human, rat, mouse, canine and monkey proteins.

Sample	Western blot	Immuno-fluorescence	Histochemistry (paraffin)	Histochemistry (frozen)
human	+++	ND	ND	ND
rat	+++	ND	ND	ND
mouse	+++	ND	ND	ND
canine	+++	ND	ND	ND
monkey	+++	ND	ND	ND

+++ excellent, ++ good, + poor, ND not determined

Usage: Western blot 1:500-1:2,000
Immunofluorescence ND
Immunohistochemistry (paraffin) ND
Immunohistochemistry (frozen) ND

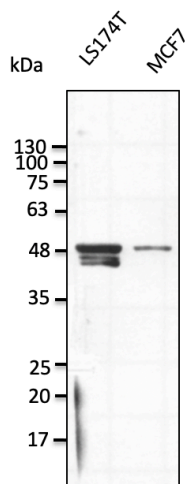
Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

Special instructions: Avoid freeze/thaw cycles.

References:

SICGEN - Research and Development in Biotechnology Ltd
Estrada do Pombalinho, Rabaçal, 3230-544 PENELA – PORTUGAL
www.sicgen.pt

information@sicgen.pt



Anti-TUBB Ab at 1/1,000
dilution; lysates at 50 µg per
lane; rabbit polyclonal to goat
IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.