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Anti-Tubulin antibody [YL1/2] - Loading Control (ab6160)

Product Name	Anti-Tubulin antibody [YL1/2] - Loading Control
Product type	Primary antibodies
Description	Rat monoclonal [YL1/2] to Tubulin - Loading Control
Immunogen	Full length native protein (purified) (<i>S. cerevisiae</i>).
Reacts with	Hu, Ms, Ce, Dm, Pig, Sc, S pom, XI
Predicted to react	Many, Mamm
(species key)	(Due to sequence homology)
Specificity	This antibody detects the tyrosinated form of the alpha-tubulin subunit. It has equal affinity for fixed microtubules (formaldehyde or glutaraldehyde) and native microtubules. The antibody recognises an extremely short amino acid sequence Glu-Glu-Phe(OH) which can be inserted into the C-terminal domain of fusion proteins.
Epitope	A linear sequence requiring an aromatic residue at the C terminus, with the two adjacent amino acids being negatively charged (represented by Gly-Gly-Tyr in Tyr-Tubulin).
Tested applications	ELISA, ICC/IF, IHC (Methanol fixed), IHC (PFA fixed), IHC-Fr, IHC-P, IP, RIA, WB
(see key)	

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- IHC-Fr [1 Abreview](#) - average rating: ★ ★ ★ ★ ★
- IHC-P [1 Abreview](#) - average rating: ★ ★ ★ ★ ★
- WB [2 Abreviews](#) - average rating: ★ ★ ★ ★ ★



WB
([read Abreview](#))



ICC/IF
([read Abreview](#))



ICC/IF
([read Abreview](#))



ICC/IF
([read Abreview](#))

Application notes
(see key)

Recommended dilutions
ELISA: Use at an assay dependent dilution.
ICC/IF: Suggested working dilution of 1/1000 (see PMID: 16230461).
IHC-Fr: Use at an assay dependent dilution.
IP: Use at an assay dependent dilution.
RIA: Use at an assay dependent dilution.
WB: 1/5000 - 1/10000.
Immunohistochemistry (PFA fixed): Use at a concentration of 5 µg/ml (from PubMed:16966421).
Immunohistochemistry (Methanol fixed cells): 1/100. (from PubMed:16943269).
Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

Positive control
(see definition)
This antibody gave a positive signal in HeLa, NIH 3T3 and PC12 whole cell lysates

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