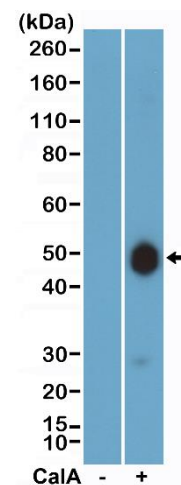
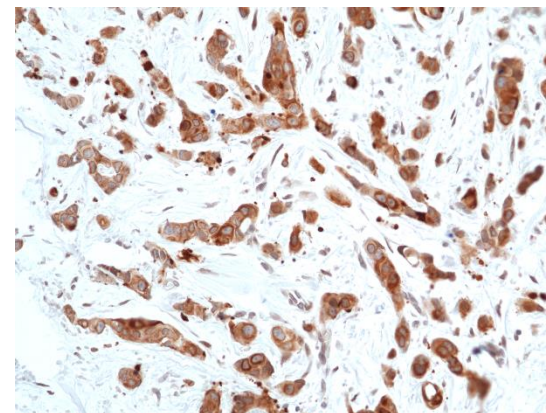


## Certificate of Analysis

<b>Product:</b>	Rabbit Monoclonal Antibody Anti-Phospho-GSK-3 $\beta$ (Ser9) Rabbit Monoclonal Antibody, Clone RM453
<b>Catalog No.:</b>	31-1345-00
<b>Lot No:</b>	
<b>Clone:</b>	RM453
<b>Specificity:</b>	This antibody reacts to human GSK-3 $\beta$ only when phosphorylated at Ser9. There is no cross-reactivity to GSK-3 $\beta$ that is not phosphorylated. This antibody may also react to mouse or rat Phospho- GSK-3 $\beta$ (Ser9) as predicted by immunogen homology.
<b>Application:</b>	Western Blot, Immunocytochemistry
<b>Immunogen:</b>	A phospho-peptide corresponding to human phospho-GSK-3 $\beta$ (Ser9)
<b>Purity:</b>	Protein A affinity purified from an animal origin-free culture supernatant
<b>Size:</b>	100 $\mu$ L
<b>Buffer:</b>	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
<b>Usage:</b>	WB: 1:1000 -1:2000 dilution; IHC: 1:50 – 1:200 dilution
<b>Storage and Stability:</b>	Stable for 1 Year at -20.0°C from date of receipt.
<b>Country of Origin:</b>	U.S.A.
<b>Intended Use:</b>	<b>For Research Use Only Not for Diagnostic or Therapeutic Use</b>



Western Blot of the lysates of serum-starved HaLa cells nontreated (-) or treated (+) with Calyculin A, using Anti-Phospho-GSK-3 $\beta$  (Ser9) rabbit monoclonal antibody (clone RM453) at a 1:1000 dilution.



Immunohistochemical staining of formalin fixed and paraffin embedded human tonsil tissue section, using Anti-Phospho-GSK-3 $\beta$  (Ser9) rabbit monoclonal antibody (clone RM453) at a 1:100 dilution.