

# p53-K382 monomethylated (R4BA1) Fab-His

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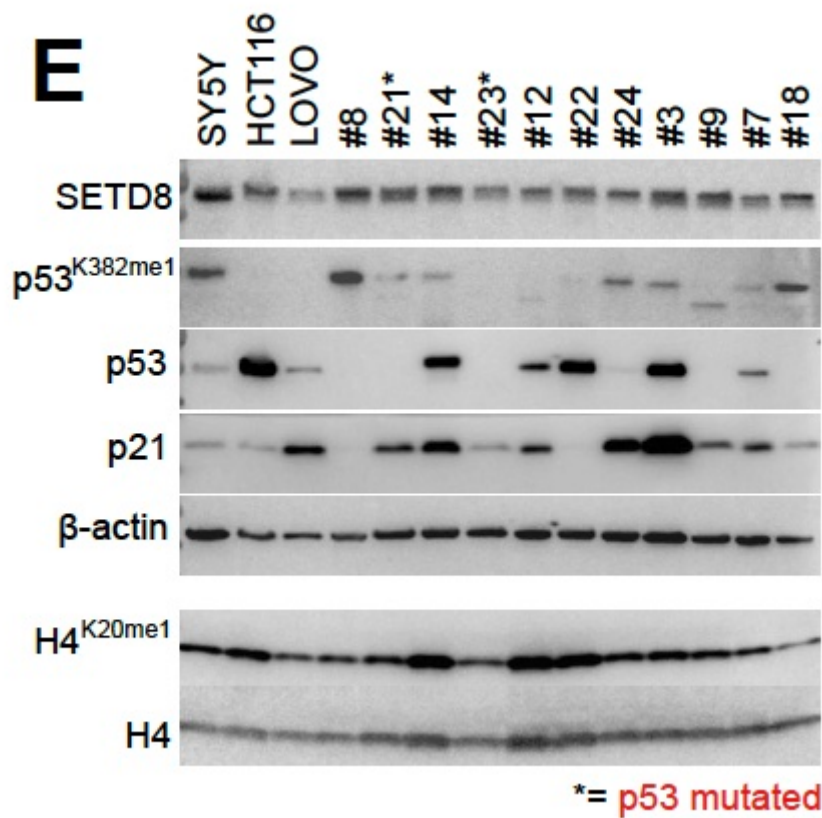
Catalog: #2792

Store at: 2-8°C

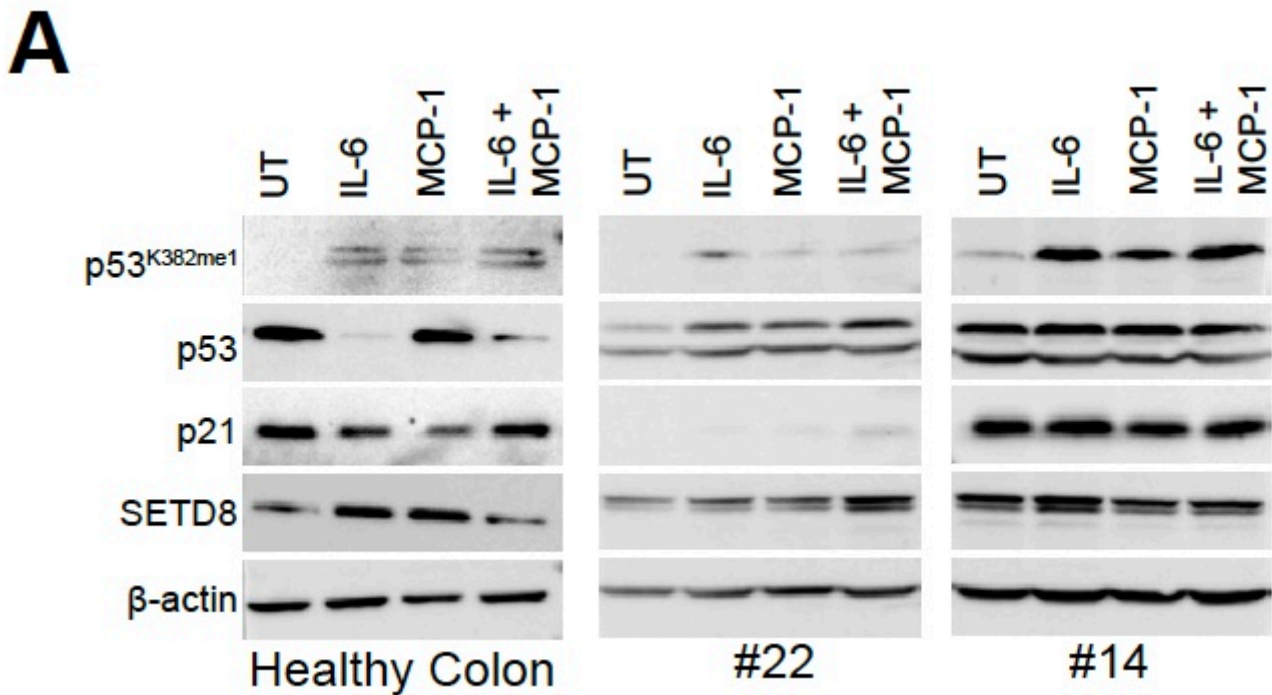
*For Research Use Only. Not For Use In Diagnostic Procedures.*

Applications	Detection	Clonality	Isotype
WB	Anti-Rabbit IgG	Monoclonal	Other

<b>Format:</b>	Unconjugated
<b>Cross Reactivity:</b>	Predicted to work with mouse, rat and other homologues.
<b>Formulation:</b>	1X PBS, 0.09% NaN <sub>3</sub> , 0.2% BSA
<b>Preparation:</b>	Protein A
<b>Reactivity:</b>	Human
<b>Recommended Usage:</b>	N/A
<b>Immunogen:</b>	peptide region around Lysine 382 in p53 C-terminal.
<b>Description:</b>	
<b>References:</b>	<ol style="list-style-type: none"><li>1. Shi X., et al., Mol Cell 2007, 27:636-646, doi: 10.1016/j.molcel.2007.07.012</li><li>2. Marouco D., et al., 2013, Oncotarget 4:1556-1571.</li><li>3. Zhu J., et al., PNAS 2016, 113:9822-9827.</li></ol>



Immunoblot analysis of the indicated total and histone proteins in SY5Y NB cells, HCT116 and LOVO colon cancer cells, and 11 CR-CSphCs (left panel). Densitometry analysis of p53<sup>K382me1</sup> protein levels compared with p53 total protein levels measured as relative density units (RDU) (right panel)



Immunoblot analysis showing the expression of the indicated proteins in healthy colon cells and CR-CSphCs (#22 and #14) treated with IL-6 and MCP-1 alone and in combination for 72 h.