p53-K382 monomethylated (R4BA1) Fab-His

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

Applications	Detection	Clonality	Isotype
WB	Anti-Rabbit IgG	Monoclonal	Other

Format: His tag

Cross Reactivity: Predicted to work with mouse, rat and other homologues.

Formulation: 1X PBS

Preparation: His tag purification

Reactivity: Human

Recommended Usage: For flow cytometric staining, the suggested use of this reagent is 5 µL per million cells or 5 µL per 100 µL of staining volume. It is recommended that the reagent be titrated for optimal performance for each application. See product image legends for additional information.

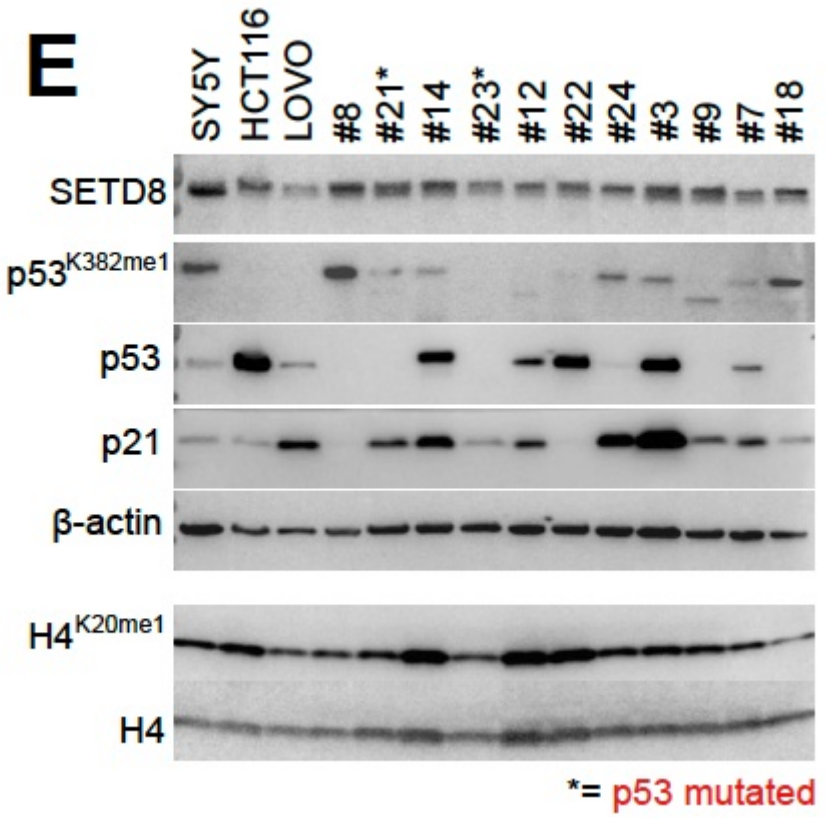
Immunogen: peptide region around Lysine 382 in p53 C-terminal.

Description:

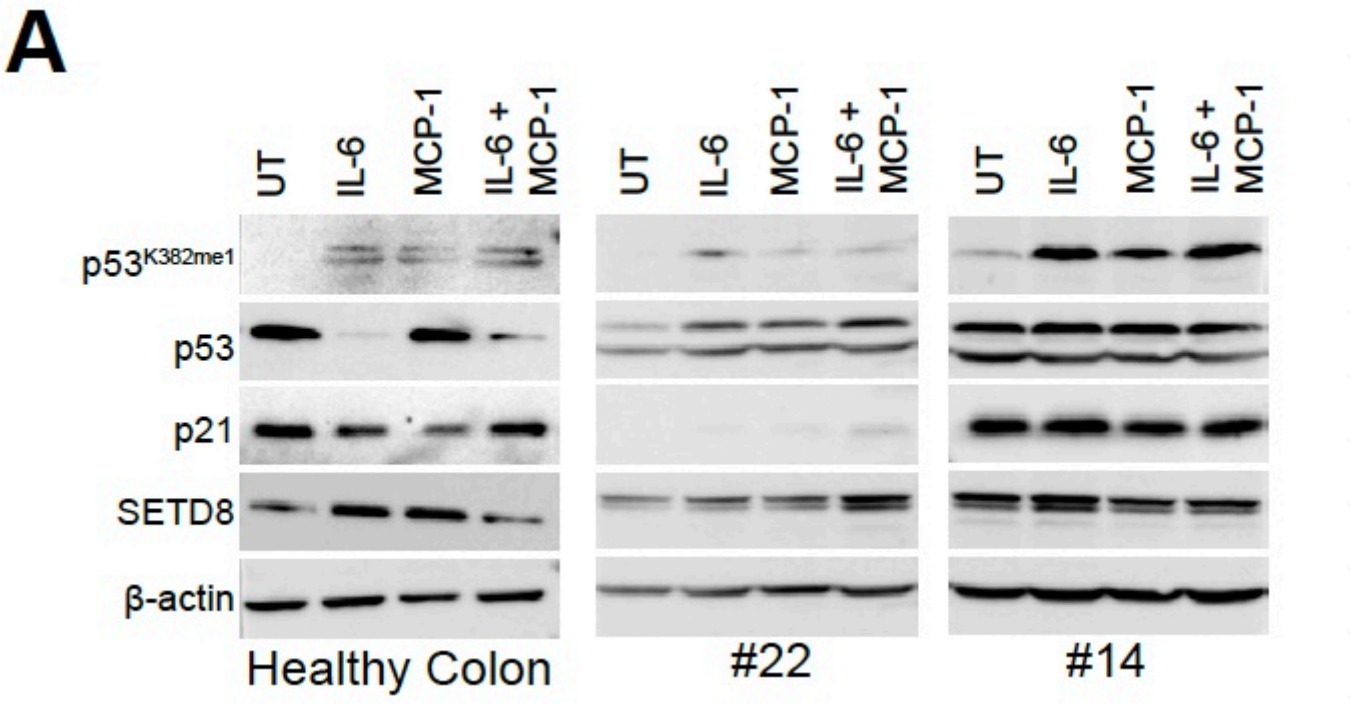
References:

1. Shi X., er al., Mol Cell 2007, 27:636-646, doi: 10.1016/j.molcel.2007.07.012
2. Marouco D., et al., 2013, Oncotarget 4:1556-1571.
3. Zhu J., et al., PNAS 2016, 113:9822-9827.

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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 p53K382me1 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.