

## ERN1 Ab

Images(1)

Cat.#: BF0223 Concn.: ~1mg/ml Mol.Wt.: 109kDa Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000, IHC 1:200-1:1000

\*The optimal dilutions should be determined by the end user.

Reactivity: Human

Storage: Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH

7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.

Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human ERN1 expressed in E. Coli.

Uniprot: O75460

Description: The protein encoded by this gene is the ER to nucleus signalling 1 protein, a

human homologue of the yeast Ire1 gene product. This protein possesses intrinsic kinase activity and an endoribonuclease activity and it is important in altering gene expression as a response to endoplasmic reticulum-based

stress signals.

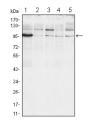


Figure 1: Western blot analysis using ERN1 mouse mAb against Raji (1),

A431 (2), Jurkat (3), Hela(4) and HEK293 (5) cell lysate.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween020 at  $4^{\circ}$ C with gentle shaking, overnight.

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