

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse MafK in Western blots. In Western blots, no cross-reactivity with recombinant human (rh) MafB or rhMafF is observed. In Western blots, prolonged film exposures may slightly detect rhMafG.
Source	Monoclonal Mouse IgG _{2B} Clone # 381923
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human MafK Thr2-Ser156 Accession # O60675
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Maf family members form a unique subclass of basic-leucine zipper (bZIP) transcription factors. Maf proteins are subdivided into two groupings: large, including c-Maf, Nrl, MafA, and MafB; and small, including MafF, MafG, and MafK, also known as p18. Large Mafs contain an N-terminal acidic domain important for transcriptional activation that is lacking in small Maf family members. Heterodimers of MafK and p45 NF-E2, another bZIP factor, promote globin gene expression and erythroid differentiation in erythroleukemia cells.

PRODUCT SPECIFIC NOTICES

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