

Rabbit anti-Human MIER2 Polyclonal Antibody | anti-MIER2 antibody

MIER2 Antibody (N-term)

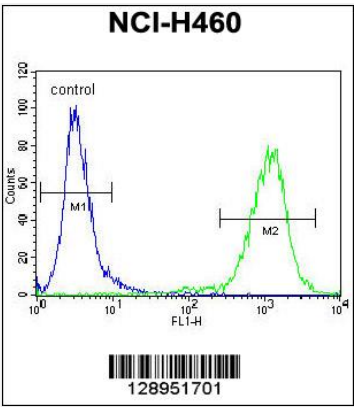
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285586	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

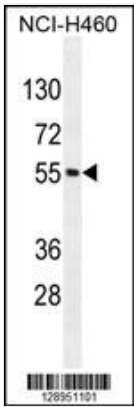
MIER2; Polyclonal Antibody; MIER2 Antibody (N-term); Mesoderm induction early response protein 2; Mi-er2; KIAA1193; anti-MIER2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MIER2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 79-108 amino acids from the N-terminal region of human MIER2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	79-108
Sequence Length	545
Applicable Applications for anti-MIER2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
MIER2 Antibody (N-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
MIER2 Antibody (N-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the MIER2 antibody detected the MIER2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MIER2 antibody	Hydrolyzes ADP-ribose, IDP-ribose, CDP-glycerol, CDP-choline and CDP-ethanolamine, but not other non-reducing ADP-sugars or CDP-glucose. May be involved in immune cell signaling as suggested by the second-messenger role of ADP-ribose, which activates TRPM2 as a mediator of oxidative/nitrosative stress (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45267839
NCBI GeneID	54531
NCBI Accession #	NP_060020.1
NCBI GenBank Nucleotide #	NM_017550.1
UniProt Accession #	Q8N344; Q9ULM7
Molecular Weight	59944
NCBI Official Full Name	mesoderm induction early response protein 2
NCBI Official Synonym Full Names	mesoderm induction early response 1, family member 2
NCBI Official Symbol	MIER2
NCBI Official Synonym Symbols	Mi-er2; KIAA1193
NCBI Protein Information	mesoderm induction early response protein 2
UniProt Protein Name	Mesoderm induction early response protein 2
UniProt Gene Name	MIER2
UniProt Synonym Gene Names	KIAA1193; Mi-er2
UniProt Entry Name	MIER2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.