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Datasheet for ABIN955253

anti-STING/TMEM173 antibody (C-Term)

3 Images

Overview

Quantity:	0.4 mL
Target:	STING/TMEM173 (TMEM173)
Binding Specificity:	AA 318-348, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STING/TMEM173 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 318~348 amino acids from the C-terminal region of human TM173
Isotype:	Ig Fraction
Specificity:	This antibody detects TMEM173 / STING (C-term).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	STING/TMEM173 (TMEM173)
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Target Details

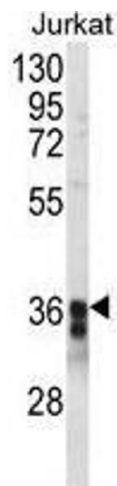
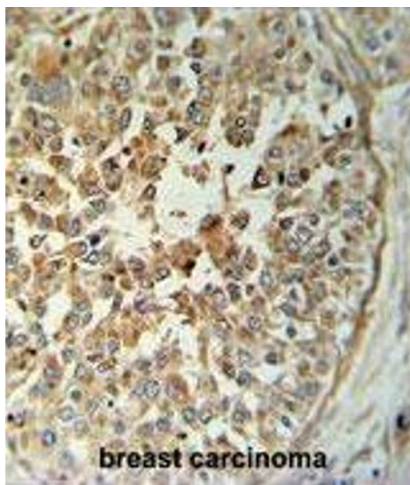
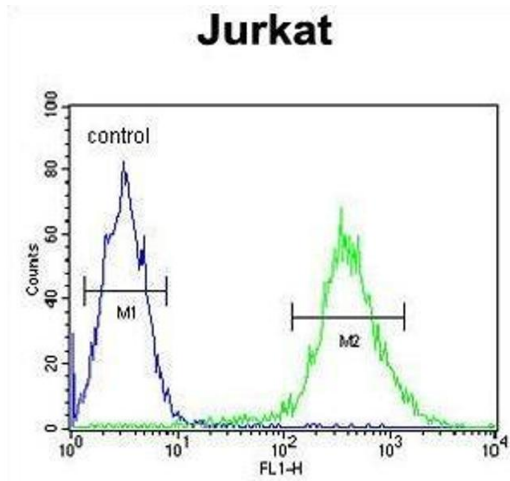
Alternative Name:	TMEM173 / STING (TMEM173 Products)
Background:	Synonyms: MITA, Mediator of IRF3 activation, Stimulator of interferon genes protein, Transmembrane protein 173
Gene ID:	340061
NCBI Accession:	NP_938023
Pathways:	Activation of Innate immune Response

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. TM173 Antibody (C-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. TM173 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TM173 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 3. Western blot analysis of TM173 Antibody (C-term) in Jurkat cell line lysates (35 µg/lane). TM173 (arrow) was detected using the purified Pab.