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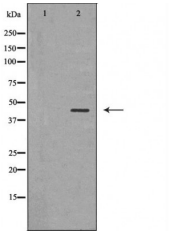
MICA Ab

Images(1)

Cat.#: DF6403	Concn.: ~1mg/ml	Mol.Wt.: 43kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000 *The optimal dilutions should be determined by the end user.
Reactivity:	Human
Storage:	Rabbit IgG in phosphate buffered saline , 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:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Immunogen:	A synthesized peptide derived from human MICA, corresponding to a region within N-terminal amino acids.
Uniprot:	Q29983
Description:	MICA and MICB are stress-induced antigens that are related to major histocompatibility complex (MHC) class I molecules. MICA and MICB are frequently expressed in epithelial tumors. These highly glycosylated cell surface proteins are stably expressed without conventional class I peptide ligands or association with b-2-Microglobulin. The expression is induced on proliferating or heat shock-stressed epithelial cells. MICA and MICB are broadly recognized by intestinal epithelial Vd1 gd T cells expressing variable TCRs, suggesting that these antigens may play a central role in the signaling of cellular distress to evoke immune responses in the intestinal epithelium.



Western blot analysis of A549 whole cell lysates, using MICA Ab. The lane on the left was treated with the antigen-specific peptide.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.