

Product datasheet for **AM26727PU-N**

MRGPRF Mouse Monoclonal Antibody [Clone ID: 1B4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1B4
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on paraffin sections: 25 µg/ml (1/10). Positive control: Human brain cortex.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	DNA vaccine
Specificity:	This antibody detects Human MrgF.
Formulation:	Phosphate buffer ed saline pH 7.2 (PBS) State: Purified State: Lyophilized affinity purified Ig fraction Stabilizer: 5 mg/ml bovine serum albumin (BSA) Preservative: 0.1 % Kathon
Reconstitution Method:	Reconstitute by adding 0.5 ml distilled water.
Purification:	Protein G
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 month or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	MAS related GPR family member F
Database Link:	Entrez Gene 116535 Human Q96AM1



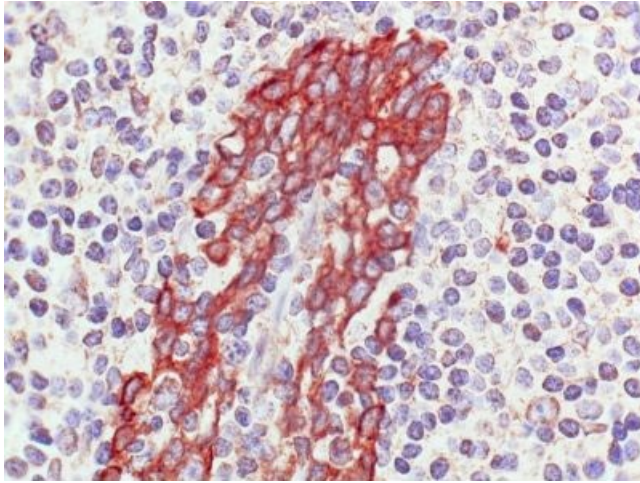
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Background:

Mas - related G - protein coupled receptor (GPCR) F is a 343 amino acid membrane protein that belongs to the family of seven - transmembrane domain receptors. The GPCRs that are related to the MAS oncogene form a large group also known as sensory neuron - specific receptors (SNSRs) or dorsal root receptors (DRRs). The restricted expression of many members of the Mrg family to sensory neurons of the dorsal root ganglion (DRG) suggests that these receptors may play a role in nociception. The number of human SNSRs seems to be considerably smaller than in mice.

Synonyms:

Mas-related gene F protein, G-protein coupled receptor 140, MRGPRF, GPR168, MRGF, PSEC0142

Product images:

Immunohistochemistry on paraffin sections:
Human tonsil, stained with AM26727PU-N.