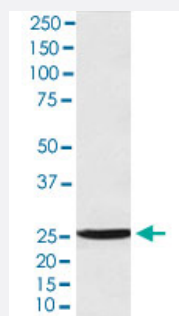


HPGD monoclonal antibody, clone AEFF-8

Catalog # MAB22227 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of SW480 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human HPGD.
Immunogen	A synthetic peptide corresponding to human HPGD.
Host	Rabbit
Reactivity	Human
Specificity	The antibody reacts with human HPGD, in native form and recombinant. Superfamily members of HPGD are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:60) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of SW480 cell lysate.

- Immunohistochemistry

- Immunocytochemistry

- Immunofluorescence

- Flow Cytometry

Gene Info — HPGD

Entrez GeneID	3248
Protein Accession#	P15428
Gene Name	HPGD
Gene Alias	15-PGDH, PGDH, PGDH1, SDR36C1
Gene Description	hydroxyprostaglandin dehydrogenase 15-(NAD)
Omim ID	601688
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the short-chain nonmetalloenzyme alcohol dehydrogenase protein family. The encoded enzyme is responsible for the metabolism of prostaglandins, which function in a variety of physiologic and cellular processes such as inflammation. Mutations in this gene result in primary autosomal recessive hypertrophic osteoarthropathy and cranioosteoarthropathy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

15-hydroxy prostaglandin dehydrogenase|15-hydroxyprostaglandin dehydrogenase|NAD⁺-dependent 15-hydroxyprostaglandin dehydrogenase|short chain dehydrogenase/reductase family 36C, member 1

Disease

- [Adenoma](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Colorectal Neoplasms](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
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- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)