







nuclei

Nuclei with...

an **ODD** number of **protons**
AND/OR
an **ODD** number of **neutrons**...

...have a property called **SPIN**.

					
¹H	²H (D)	⁴He	¹¹B	¹²C	¹³C
1 proton 0 neutrons	1 proton 1 neutron	2 protons 2 neutrons	5 protons 6 neutrons	6 protons 6 neutrons	6 protons 7 neutrons
spin	spin	no spin	spin	no spin	spin

Only nuclei which **have spin** are **detectable by NMR**
(this is called being **spin-active** or **NMR-active**)
(**All non-spinning nuclei are NMR inactive**)

([click to enlarge](#))

See [nucleus](#), [neutral center](#).

Keely

"The [ethereal atmosphere](#) has the [tendency](#) to become [confluent](#) or [spherical](#), and the [material nuclei](#), being [individualized](#), seek [juxtaposition](#), thereby [constituting molecules](#). The [forms](#) of these [molecules](#) must be as [symmetrical](#) as the [reaction](#) of the [constituent particles](#) may allow." [Snell Manuscript - The Book, page 2]

See Also

[nucleus](#)
[polarization](#)
[rotation](#)
[spin](#)